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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-2

Perfect score: 40

Sequence: 1 LDWSWL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:
1: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09D_PUBCOMB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	40	100.0	6	9 US-09-847-940B-2	Sequence 2, Appli
2	40	100.0	6	10 US-09-847-946A-2	Sequence 2, Appli
3	40	100.0	6	10 US-09-847-946A-33	Sequence 33, Appl
4	40	100.0	7	10 US-09-847-946A-37	Sequence 37, Appl
5	40	100.0	8	10 US-09-847-946A-30	Sequence 30, Appl
6	40	100.0	8	10 US-09-847-946A-38	Sequence 38, Appl
7	40	100.0	9	10 US-09-847-946A-29	Sequence 29, Appl
8	40	100.0	9	10 US-09-847-946A-32	Sequence 32, Appl
9	40	100.0	9	10 US-09-847-946A-35	Sequence 35, Appl
10	40	100.0	9	10 US-09-847-946A-36	Sequence 36, Appl
11	40	100.0	10	10 US-09-847-946A-31	Sequence 31, Appl
12	40	100.0	10	10 US-09-847-946A-34	Sequence 34, Appl
13	40	100.0	11	10 US-09-847-946A-28	Sequence 28, Appl
14	40	100.0	11	10 US-09-847-946A-132	Sequence 132, App
15	40	100.0	11	10 US-09-847-946A-140	Sequence 140, App

16 40 100.0 13 10 US-09-847-946A-143 Sequence 143, App
17 40 100.0 13 10 US-09-847-946A-144 Sequence 144, App
18 40 100.0 13 10 US-09-847-946A-145 Sequence 145, App
19 40 100.0 13 10 US-09-847-946A-148 Sequence 148, App
20 40 100.0 17 10 US-09-847-946A-141 Sequence 141, App
21 40 100.0 17 10 US-09-847-946A-142 Sequence 142, App
22 40 100.0 17 10 US-09-847-946A-146 Sequence 146, App
23 40 100.0 17 10 US-09-847-946A-147 Sequence 147, App
24 40 100.0 18 10 US-09-847-946A-131 Sequence 131, App
25 40 100.0 18 10 US-09-847-946A-135 Sequence 135, App
26 40 100.0 18 10 US-09-847-946A-136 Sequence 136, App
27 40 100.0 22 10 US-09-847-946A-133 Sequence 133, App
28 40 100.0 22 10 US-09-847-946A-134 Sequence 134, App
29 40 100.0 22 10 US-09-847-946A-137 Sequence 137, App
30 40 100.0 22 10 US-09-847-946A-138 Sequence 138, App
31 40 100.0 22 10 US-09-847-946A-139 Sequence 139, App
32 40 100.0 28 9 US-09-847-940B-18 Sequence 18, Appl
33 40 100.0 28 10 US-09-847-946A-18 Sequence 18, Appl
34 40 100.0 222 9 US-09-771-161A-141 Sequence 141, Appl
35 40 100.0 745 9 US-09-796-872-2 Sequence 2, Appl
36 40 100.0 745 9 US-09-844-908-10 Sequence 10, Appl
37 40 100.0 745 9 US-09-844-988-10 Sequence 10, Appl
38 40 100.0 745 14 US-10-243-408-4 Sequence 4, Appl
39 40 100.0 745 14 US-10-059-585-35 Sequence 35, Appl
40 40 100.0 745 14 US-10-338-462-10 Sequence 30, Appl
41 40 100.0 745 15 US-10-408-636-3 Sequence 3, Appl
42 40 100.0 745 15 US-10-394-322A-32 Sequence 32, Appl
43 40 100.0 756 9 US-09-796-872-15 Sequence 15, Appl
44 40 100.0 756 9 US-09-771-161A-232 Sequence 232, App
45 40 100.0 756 9 US-09-844-908-9 Sequence 9, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-2
; Sequence 2, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-2

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWSWL 6
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Db 1 LDWSWL 6

RESULT 2
US-09-847-946A-2
; Sequence 2, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

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; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

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US-09-847-946A-2

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Query Match      100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 LDWSWL 6
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Db      1 LDWSWL 6

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RESULT 3

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US-09-847-946A-33

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; Sequence 33, Application US/09847946A
; Publication No. US20030054999A1

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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

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US-09-847-946A-33

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Query Match      100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 LDWSWL 6
        |||||
Db      1 LDWSWL 6

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RESULT 4

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US-09-847-946A-37

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; Sequence 37, Application US/09847946A
; Publication No. US20030054999A1

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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence

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US-09-847-946A-37

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Best Local Similarity 100.0%; Pred. No. 9.5e+05;
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Qy      1 LDWSWL 6
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Db      1 LDWSWL 6

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RESULT 5

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US-09-847-946A-30

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; Sequence 30, Application US/09847946A
; Publication No. US20030054999A1

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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

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US-09-847-946A-30

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Query Match      100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 LDWSWL 6
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Db      3 LDWSWL 8

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RESULT 6

US-09-847-946A-38
 ; Sequence 38, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 38
 ; LENGTH: 8
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-38

Query Match 100.0%; Score 40; DB 10; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWL 6
 Db 1 LDWSWL 6

RESULT 7
 US-09-847-946A-29
 ; Sequence 29, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 29
 ; LENGTH: 9
 ; TYPE: PRT
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 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-29

Query Match 100.0%; Score 40; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWL 6
 Db 1 LDWSWL 6

RESULT 8
 US-09-847-946A-32
 ; Sequence 32, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
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 ; SEQ ID NO 32
 ; LENGTH: 9
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 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-32

Query Match 100.0%; Score 40; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWL 6
 Db 1 LDWSWL 6

RESULT 9
 US-09-847-946A-35
 ; Sequence 35, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 35
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-35

Query Match 100.0%; Score 40; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 LDWSWL 6
Db 3 LDWSWL 8

RESULT 10
US-09-847-946A-36
; Sequence 36, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-36

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWL 6
Db 2 LDWSWL 7

RESULT 11
US-09-847-946A-31
; Sequence 31, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-31

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWL 6
Db 3 LDWSWL 8

RESULT 12
US-09-847-946A-34
; Sequence 34, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; CURRENT APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-34

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWL 6
Db 3 LDWSWL 8

RESULT 13
US-09-847-946A-28
; Sequence 28, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
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US-09-847-946A-28

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWSWL 6
Db 3 LDWSWL 8

RESULT 14

US-09-847-946A-132
; Sequence 132, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 132
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:anti-inflammatory compound
US-09-847-946A-132

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWSWL 6
Db 3 LDWSWL 8

RESULT 15

US-09-847-946A-140
; Sequence 140, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 140
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:anti-inflammatory compound
US-09-847-946A-140

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWSWL 6
Db 3 LDWSWL 8

Search completed: March 17, 2004, 18:45:23
Job time : 31.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-3

Perfect score: 26

Sequence: 1 LDASAL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	26	100.0	6	10	US-09-847-946A-3
3	26	100.0	28	9	US-09-847-940B-19
4	26	100.0	28	10	US-09-847-946A-19
5	26	100.0	75	12	US-10-424-599-217924
6	26	100.0	191	14	US-10-156-761-8434
7	26	100.0	191	14	US-10-156-761-13332
8	26	100.0	191	14	US-10-156-761-13333
9	26	100.0	191	14	US-10-156-761-14915
10	26	100.0	240	9	US-09-738-626-4338
11	26	100.0	318	12	US-10-425-114-68842
12	26	100.0	374	15	US-10-104-047-3578
13	26	100.0	550	12	US-10-282-122A-62833
14	26	100.0	550	12	US-10-282-122A-64523
15	26	100.0	552	12	US-10-282-122A-67705

16	26	100.0	600	10	US-09-746-660A-106	Sequence 106, Appl
17	26	100.0	638	9	US-09-983-204-18	Sequence 18, Appl
18	26	100.0	638	13	US-10-133-157-8	Sequence 8, Appl
19	26	100.0	659	9	US-09-738-626-6815	Sequence 6815, Ap
20	26	100.0	704	15	US-10-104-047-3501	Sequence 3501, Ap
21	26	100.0	745	9	US-09-919-835-2	Sequence 2, Appli
22	26	100.0	745	9	US-09-738-626-4761	Sequence 4761, Ap
23	26	100.0	745	10	US-09-746-660A-104	Sequence 104, App
24	26	100.0	747	12	US-10-425-114-70963	Sequence 70963, A
25	26	100.0	894	12	US-10-282-122A-77188	Sequence 77188, A
26	26	100.0	1006	15	US-10-369-493-22729	Sequence 22729, A
27	24	92.3	14	13	US-10-038-612-107	Sequence 107, App
28	24	92.3	20	13	US-10-038-612-35	Sequence 35, Appl
29	24	92.3	21	13	US-10-038-612-106	Sequence 106, Appl
30	24	92.3	40	14	US-10-044-967-18	Sequence 18, Appl
31	24	92.3	93	12	US-10-424-599-244080	Sequence 244080,
32	24	92.3	157	14	US-10-080-170-565	Sequence 565, App
33	24	92.3	191	14	US-10-156-761-11481	Sequence 11481, A
34	24	92.3	259	15	US-10-369-493-9612	Sequence 9612, Ap
35	24	92.3	294	15	US-10-334-143-181	Sequence 181, App
36	24	92.3	298	9	US-09-771-161A-187	Sequence 187, App
37	24	92.3	298	14	US-10-174-794-13	Sequence 13, Appl
38	24	92.3	298	14	US-10-295-681-27	Sequence 27, Appl
39	24	92.3	298	14	US-10-295-681-29	Sequence 29, Appl
40	24	92.3	298	14	US-10-295-681-31	Sequence 31, Appl
41	24	92.3	298	14	US-10-295-681-43	Sequence 43, Appl
42	24	92.3	298	15	US-10-394-322A-7	Sequence 7, Appli
43	24	92.3	304	9	US-09-976-059-3	Sequence 3, Appli
44	24	92.3	346	14	US-10-295-681-33	Sequence 33, Appl
45	24	92.3	346	14	US-10-295-681-45	Sequence 45, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-3
; Sequence 3, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 3
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-3

Query Match 100.0%; Score 26; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

Qy 1 LDASAL 6
| | | | |
Db 1 LDASAL 6

RESULT 2
US-09-847-946A-3
; Sequence 3, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-3

Query Match 100.0%; Score 26; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
| | | | |
Db 1 LDASAL 6

RESULT 3

US-09-847-940B-19
; Sequence 19, Application US/09847940B
; Patent No. US20020156000A1

; GENERAL INFORMATION:

; APPLICANT: May, Michael J.

; APPLICANT: Ghosh, Sankar

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP

; CURRENT APPLICATION NUMBER: US/09/847,940B

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 19

; LENGTH: 28

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NBD peptides

US-09-847-940B-19

Query Match 100.0%; Score 26; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
| | | | |
Db 20 LDASAL 25

RESULT 4

US-09-847-946A-19

; Sequence 19, Application US/09847946A

; Publication No. US20030054999A1

; GENERAL INFORMATION:

; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar

; APPLICANT: Findels, Mark A

; APPLICANT: Phillips, Kathryn

; APPLICANT: Hannig, Gerhard

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 19

; LENGTH: 28

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-19

Query Match 100.0%; Score 26; DB 10; Length 28;

Best Local Similarity 100.0%; Pred. No. 26;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
| | | | |
Db 20 LDASAL 25

RESULT 5

US-10-424-599-217924

; Sequence 217924, Application US/10424599

; Publication No. US20040031072A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa Thomas J

; APPLICANT: Kovalic David K

; APPLICANT: Zhou Yihua

; APPLICANT: Cao Yongwei

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with

; FILE REFERENCE: 38-21(53223)B

; CURRENT APPLICATION NUMBER: US/10/424,599

; CURRENT FILING DATE: 2003-04-28

; NUMBER OF SEQ ID NOS: 285684

; SEQ ID NO 217924

; LENGTH: 75

; TYPE: PRT

; ORGANISM: Glycine max

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_MRT3847_38812C.1.pep

US-10-424-599-217924

Query Match 100.0%; Score 26; DB 12; Length 75;

Best Local Similarity 100.0%; Pred. No. 76;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
| | | | |
Db 18 LDASAL 23

RESULT 6

US-10-156-761-8434

; Sequence 8434, Application US/10156761

; Publication No. US20030119018A1

; GENERAL INFORMATION:

; APPLICANT: OMURA, SATOSHI

; APPLICANT: IKEDA, HARUO

; APPLICANT: ISHIKAWA, JUN

; APPLICANT: HORIKAWA, HIROSHI

; APPLICANT: SHIBA, TADAYOSHI

; APPLICANT: SAKAKI, YOSHIYUKI

; APPLICANT: HATTORI, MASAHIRA

; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES

; FILE REFERENCE: 249-262

; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 8434
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-8434

Query Match 100.0%; Score 26; DB 14; Length 191;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 41 LDASAL 46

RESULT 7
US-10-156-761-13332
; Sequence 13332, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 13332
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-13332

Query Match 100.0%; Score 26; DB 14; Length 191;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 41 LDASAL 46

RESULT 8
US-10-156-761-13333
; Sequence 13333, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761

; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 13333
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-13333

Query Match 100.0%; Score 26; DB 14; Length 191;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 41 LDASAL 46

RESULT 9
US-10-156-761-14915
; Sequence 14915, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
; APPLICANT: OMURA, SATOSHI
; APPLICANT: IKEDA, HARUO
; APPLICANT: ISHIKAWA, JUN
; APPLICANT: HORIKAWA, HIROSHI
; APPLICANT: SHIBA, TADAYOSHI
; APPLICANT: SAKAKI, YOSHIYUKI
; APPLICANT: HATTORI, MASAHIRA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-262
; CURRENT APPLICATION NUMBER: US/10/156,761
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: JP 2001-204089
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: JP 2001-272697
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 14915
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Streptomyces avermitilis
US-10-156-761-14915

Query Match 100.0%; Score 26; DB 14; Length 191;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASAL 6
Db 41 LDASAL 46

RESULT 10
US-09-738-626-4338
; Sequence 4338, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIROSHI
; APPLICANT: ANDO, SEIKO
; APPLICANT: HAYASHI, MIKIRO
; APPLICANT: OCHIAI, KEIKO
; APPLICANT: YOKOI, HARUHIKO
; APPLICANT: TATEISHI, NAKO
; APPLICANT: SENOH, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OZAKI, AKIO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES

```

; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 4338
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-4338

Query Match      100.0%; Score 26; DB 9; Length 240;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      70 LDASAL 75

RESULT 11
US-10-425-114-68842
; Sequence 68842, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53)13B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 68842
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLM017399808_FLI.pep
US-10-425-114-68842

Query Match      100.0%; Score 26; DB 12; Length 318;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      193 LDASAL 198

RESULT 12
US-10-104-047-3578
; Sequence 3578, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
US-10-104-047-3578

; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 4338
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-4338

Query Match      100.0%; Score 26; DB 9; Length 240;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      70 LDASAL 75

RESULT 11
US-10-425-114-68842
; Sequence 68842, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53)13B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 68842
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: UC-ZMFLM017399808_FLI.pep
US-10-425-114-68842

Query Match      100.0%; Score 26; DB 12; Length 318;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      193 LDASAL 198

RESULT 12
US-10-104-047-3578
; Sequence 3578, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
US-10-104-047-3578

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3578
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-3578

Query Match      100.0%; Score 26; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      287 LDASAL 292

RESULT 13
US-10-282-122A-62833
; Sequence 62833, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62833
; LENGTH: 550
; TYPE: PRT
; ORGANISM: Mycobacterium bovis
US-10-282-122A-62833

Query Match      100.0%; Score 26; DB 12; Length 550;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASAL 6
DB      23 LDASAL 28

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RESULT 14
US-10-282-122A-64523
; Sequence 64523, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zvakind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64523
; LENGTH: 550
; TYPE: PRT
; ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-64523

Query Match      100.0%; Score 26; DB 12; Length 550;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASAL 6
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Db      23 LDASAL 28

RESULT 15
US-10-282-122A-67705
; Sequence 67705, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zvakind, Judith
; APPLICANT: Wall, Daniel
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64523
; LENGTH: 550
; TYPE: PRT
; ORGANISM: Mycobacterium tuberculosis
US-10-282-122A-64523

Query Match      100.0%; Score 26; DB 12; Length 550;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASAL 6
        |||||
Db      23 LDASAL 28

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; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67705
; LENGTH: 552
; TYPE: PRT
; ORGANISM: Pseudomonas putida
US-10-282-122A-67705

Query Match      100.0%; Score 26; DB 12; Length 552;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASAL 6
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Db      320 LDASAL 325

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
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71.275 Million cell updates/sec

Title: US-09-643-260-4

Perfect score: 40

Sequence: 1 ADMSWL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pap:
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pap:
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pap:
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pap:
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- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pap:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	40	100.0	6	9	US-09-847-940B-4
2	40	100.0	6	10	US-09-847-946A-4
3	40	100.0	6	10	US-09-847-946A-39
4	40	100.0	6	10	US-09-847-946A-51
5	40	100.0	7	10	US-09-847-946A-55
6	40	100.0	8	10	US-09-847-946A-48
7	40	100.0	8	10	US-09-847-946A-56
8	40	100.0	9	10	US-09-847-946A-47
9	40	100.0	9	10	US-09-847-946A-50
10	40	100.0	9	10	US-09-847-946A-53
11	40	100.0	9	10	US-09-847-946A-54
12	40	100.0	10	10	US-09-847-946A-49
13	40	100.0	10	10	US-09-847-946A-52
14	40	100.0	11	10	US-09-847-946A-46
15	40	100.0	501	14	US-10-171-311-234

16	38	95.0	312	14	US-10-306-762-23	Sequence 23, Appl
17	38	95.0	605	14	US-10-156-761-9070	Sequence 9070, Ap
18	36	90.0	6	9	US-09-847-940B-2	Sequence 2, Appl
19	36	90.0	6	10	US-09-847-946A-2	Sequence 2, Appl
20	36	90.0	6	10	US-09-847-946A-33	Sequence 33, Appl
21	36	90.0	6	10	US-09-847-946A-41	Sequence 41, Appl
22	36	90.0	6	10	US-09-847-946A-73	Sequence 73, Appl
23	36	90.0	6	10	US-09-847-946A-37	Sequence 37, Appl
24	36	90.0	7	10	US-09-847-946A-77	Sequence 77, Appl
25	36	90.0	8	10	US-09-847-946A-30	Sequence 30, Appl
26	36	90.0	8	10	US-09-847-946A-38	Sequence 38, Appl
27	36	90.0	8	10	US-09-847-946A-70	Sequence 70, Appl
28	36	90.0	8	10	US-09-847-946A-78	Sequence 78, Appl
29	36	90.0	9	10	US-09-847-946A-29	Sequence 29, Appl
30	36	90.0	9	10	US-09-847-946A-32	Sequence 32, Appl
31	36	90.0	9	10	US-09-847-946A-35	Sequence 35, Appl
32	36	90.0	9	10	US-09-847-946A-36	Sequence 36, Appl
33	36	90.0	9	10	US-09-847-946A-69	Sequence 69, Appl
34	36	90.0	9	10	US-09-847-946A-72	Sequence 72, Appl
35	36	90.0	9	10	US-09-847-946A-75	Sequence 75, Appl
36	36	90.0	9	10	US-09-847-946A-76	Sequence 76, Appl
37	36	90.0	10	10	US-09-847-946A-31	Sequence 31, Appl
38	36	90.0	10	10	US-09-847-946A-34	Sequence 34, Appl
39	36	90.0	10	10	US-09-847-946A-71	Sequence 71, Appl
40	36	90.0	10	10	US-09-847-946A-74	Sequence 74, Appl
41	36	90.0	11	10	US-09-847-946A-28	Sequence 28, Appl
42	36	90.0	11	10	US-09-847-946A-68	Sequence 68, Appl
43	36	90.0	11	10	US-09-847-946A-132	Sequence 132, App
44	36	90.0	11	10	US-09-847-946A-140	Sequence 140, App
45	36	90.0	13	10	US-09-847-946A-143	Sequence 143, App

ALIGNMENTS

RESULT 1
US-09-847-940B-4
; Sequence 4, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-4

Query Match	100.0%;	Score 40;	DB 9;	Length 6;
Best Local Similarity	100.0%;	Pred. No. 9.5e+05;		
Matches	6;	Conservative	0;	Mismatches 0; Indels 0; Gaps 0;
Oy	1	ADMSWL 6		
Db	1	ADMSWL 6		
RESULT 2				
US-09-847-946A-4				
; Sequence 4, Application US/09847946A				
; Publication No. US20030054999A1				
; GENERAL INFORMATION:				
; APPLICANT: May, Michael J				

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; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-4
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Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 ADWSWL 6
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Db 1 ADWSWL 6
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US-09-847-946A-39
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; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-39
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Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 ADWSWL 6
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Db 1 ADWSWL 6
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RESULT 4
US-09-847-946A-51
; Sequence 51, Application US/09847946A
; Publication No. US20030054999A1
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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
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; LENGTH: 6
; TYPE: PRT
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-51
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Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 ADWSWL 6
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Db 1 ADWSWL 6
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RESULT 5
US-09-847-946A-55
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; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 55
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-55
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Query Match 100.0%; Score 40; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 ADWSWL 6
    |||||
Db 1 ADWSWL 6
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RESULT 6
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US-09-847-946A-48
; Sequence 48, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
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; SEQ ID NO 48
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; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-48
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Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWL 6
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Db 3 ADWSWL 8

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US-09-847-946A-56
; Sequence 56, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
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; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-56
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Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWL 6
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US-09-847-946A-47
; Sequence 47, Application US/09847946A
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; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
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; PRIOR FILING DATE: 2000-08-22
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-47
Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWL 6
    |||||
Db 1 ADWSWL 6

RESULT 9
US-09-847-946A-50
; Sequence 50, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 50
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-50
Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWL 6
    |||||
Db 1 ADWSWL 6
```

Qy 1 ADWSWL 6
| | | | |
Db 1 ADWSWL 6

RESULT 10

US-09-847-946A-53
; Sequence 53, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-53

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWL 6
| | | | |
Db 3 ADWSWL 8

RESULT 11

US-09-847-946A-54
; Sequence 54, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 54
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-54

Query Match 100.0%; Score 40; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWL 6
| | | | |
Db 2 ADWSWL 7

RESULT 12

US-09-847-946A-49
; Sequence 49, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-49

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWL 6
| | | | |
Db 2 ADWSWL 7

RESULT 13

US-09-847-946A-52
; Sequence 52, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-52

US-09-847-946A-52

Query Match 100.0%; Score 40; DB 10; Length 10;
 Best Local Similarity 100.0%; Pred. No. 21;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWL 6
 |||||
 Db 3 ADMSWL 8

RESULT 14

US-09-847-946A-46
 ; Sequence 46, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 46
 ; LENGTH: 11
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-46

Query Match 100.0%; Score 40; DB 10; Length 11;
 Best Local Similarity 100.0%; Pred. No. 22;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWL 6
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 Db 3 ADMSWL 8

RESULT 15

US-10-171-311-234.
 ; Sequence 234, Application US/10171311
 ; Publication No. US20030087270A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schlegel, Robert
 ; APPLICANT: Chen, Yan
 ; APPLICANT: Zhao, Xumei
 ; APPLICANT: Monahan, John
 ; APPLICANT: Kamatkar, Shubhangi
 ; APPLICANT: Glatt, Karen
 ; APPLICANT: Gannavarapu, Manjula
 ; APPLICANT: Hoerish, Sebastian
 ; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
 ; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
 ; TITLE OF INVENTION: OF CERVICAL CANCER
 ; FILE REFERENCE: MRI-035
 ; CURRENT APPLICATION NUMBER: US/10/171,311
 ; CURRENT FILING DATE: 2002-06-12
 ; PRIOR APPLICATION NUMBER: US 60/298,159
 ; PRIOR FILING DATE: 2001-06-13
 ; PRIOR APPLICATION NUMBER: US 60/298,155
 ; PRIOR FILING DATE: 2001-06-13
 ; PRIOR APPLICATION NUMBER: US 60/335,936

; PRIOR FILING DATE: 2001-11-14
 ; NUMBER OF SEQ ID NOS: 238
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 234
 ; LENGTH: 501
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-171-311-234

Query Match 100.0%; Score 40; DB 14; Length 501;
 Best Local Similarity 100.0%; Pred. No. 4.2e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADMSWL 6
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 Db 387 ADMSWL 392

Search completed: March 17, 2004, 18:45:24
 Job time : 21.6711 secs

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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-5

Perfect score: 40

Sequence: 1 LDMSWA 6

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Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
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- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
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- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
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- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
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- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	40	100.0	6	9	US-09-847-9408-5
2	40	100.0	6	10	US-09-847-946A-5
3	40	100.0	6	10	US-09-847-946A-40
4	40	100.0	6	10	US-09-847-946A-62
5	40	100.0	7	10	US-09-847-946A-66
6	40	100.0	8	10	US-09-847-946A-59
7	40	100.0	8	10	US-09-847-946A-67
8	40	100.0	8	10	US-09-847-946A-58
9	40	100.0	9	10	US-09-847-946A-61
10	40	100.0	9	10	US-09-847-946A-64
11	40	100.0	9	10	US-09-847-946A-65
12	40	100.0	10	10	US-09-847-946A-57
13	40	100.0	10	10	US-09-847-946A-60
14	40	100.0	10	10	US-09-847-946A-63
15	36	90.0	6	9	US-09-847-9408-2

16	36	90.0	6	10	US-09-847-946A-2	Sequence 2, Appl
17	36	90.0	6	10	US-09-847-946A-33	Sequence 33, Appl
18	36	90.0	6	10	US-09-847-946A-41	Sequence 41, Appl
19	36	90.0	6	10	US-09-847-946A-73	Sequence 73, Appl
20	36	90.0	7	10	US-09-847-946A-37	Sequence 37, Appl
21	36	90.0	7	10	US-09-847-946A-77	Sequence 77, Appl
22	36	90.0	8	10	US-09-847-946A-30	Sequence 30, Appl
23	36	90.0	8	10	US-09-847-946A-38	Sequence 38, Appl
24	36	90.0	8	10	US-09-847-946A-70	Sequence 70, Appl
25	36	90.0	8	10	US-09-847-946A-78	Sequence 78, Appl
26	36	90.0	9	10	US-09-847-946A-29	Sequence 29, Appl
27	36	90.0	9	10	US-09-847-946A-32	Sequence 32, Appl
28	36	90.0	9	10	US-09-847-946A-35	Sequence 35, Appl
29	36	90.0	9	10	US-09-847-946A-36	Sequence 36, Appl
30	36	90.0	9	10	US-09-847-946A-69	Sequence 69, Appl
31	36	90.0	9	10	US-09-847-946A-72	Sequence 72, Appl
32	36	90.0	9	10	US-09-847-946A-75	Sequence 75, Appl
33	36	90.0	9	10	US-09-847-946A-76	Sequence 76, Appl
34	36	90.0	10	10	US-09-847-946A-31	Sequence 31, Appl
35	36	90.0	10	10	US-09-847-946A-34	Sequence 34, Appl
36	36	90.0	10	10	US-09-847-946A-71	Sequence 71, Appl
37	36	90.0	10	10	US-09-847-946A-74	Sequence 74, Appl
38	36	90.0	11	10	US-09-847-946A-28	Sequence 28, Appl
39	36	90.0	11	10	US-09-847-946A-68	Sequence 68, Appl
40	36	90.0	11	10	US-09-847-946A-132	Sequence 132, App
41	36	90.0	11	10	US-09-847-946A-140	Sequence 140, App
42	36	90.0	12	10	US-09-847-946A-43	Sequence 43, Appl
43	36	90.0	13	10	US-09-847-946A-143	Sequence 143, App
44	36	90.0	13	10	US-09-847-946A-144	Sequence 144, App
45	36	90.0	13	10	US-09-847-946A-145	Sequence 145, App

ALIGNMENTS

RESULT 1
US-09-847-9408-5
; Sequence 5, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; PRIORITY FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 5
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-5

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDMSWA 6
| | | | |
Db 1 LDMSWA 6

RESULT 2
US-09-847-946A-5
; Sequence 5, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 5

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-5

Query Match 100.0%; Score 40; DB 10; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6

Db 1 LDWSWA 6

RESULT 3

US-09-847-946A-40

; Sequence 40, Application US/09847946A

; Publication No. US20030054999A1

; GENERAL INFORMATION:

; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar

; APPLICANT: Findeis, Mark A

; APPLICANT: Phillips, Kathryn

; APPLICANT: Hannig, Gerhard

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

; FILE REFERENCE: PPI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 40

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-40

Query Match 100.0%; Score 40; DB 10; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6

Db 1 LDWSWA 6

RESULT 4

US-09-847-946A-62

; Sequence 62, Application US/09847946A

; Publication No. US20030054999A1

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 62

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

; OTHER INFORMATION: sequence

US-09-847-946A-62

Query Match 100.0%; Score 40; DB 10; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6

Db 1 LDWSWA 6

RESULT 5

US-09-847-946A-66

; Sequence 66, Application US/09847946A

; Publication No. US20030054999A1

; GENERAL INFORMATION:

; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar

; APPLICANT: Findeis, Mark A

; APPLICANT: Phillips, Kathryn

; APPLICANT: Hannig, Gerhard

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

; FILE REFERENCE: PPI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 66

; LENGTH: 7

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

; OTHER INFORMATION: sequence

US-09-847-946A-66

Query Match 100.0%; Score 40; DB 10; Length 7;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6

Db 1 LDWSWA 6

RESULT 6

US-09-847-946A-59
; Sequence 59, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-59

Query Match 100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
|||||
Db 3 LDWSWA 8

RESULT 7
US-09-847-946A-67
; Sequence 67, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 67
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-67

Query Match 100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
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Db 1 LDWSWA 6

RESULT 8
US-09-847-946A-58
; Sequence 58, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 58
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-58

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
|||||
Db 1 LDWSWA 6

RESULT 9
US-09-847-946A-61
; Sequence 61, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-61

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 LDWSWA 6
    |||||
Db 1 LDWSWA 6

RESULT 10
US-09-847-946A-64
; Sequence 64, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-64

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
    |||||
Db 3 LDWSWA 8

RESULT 11
US-09-847-946A-65
; Sequence 65, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-65

Query Match 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
    |||||
Db 2 LDWSWA 7

RESULT 12
US-09-847-946A-57
; Sequence 57, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 57
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-57

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
    |||||
Db 2 LDWSWA 7

RESULT 13
US-09-847-946A-60
; Sequence 60, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 60
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-60

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US-09-847-946A-60

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
| | | | |
Db 2 LDWSWA 7

RESULT 14

US-09-847-946A-63
; Sequence 63, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-63

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSWA 6
| | | | |
Db 3 LDWSWA 8

RESULT 15

US-09-847-940B-2
; Sequence 2, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-2

Query Match 90.0%; Score 36; DB 9; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSW 5
| | | | |
Db 1 LDWSW 5

Search completed: March 17, 2004, 18:45:24
Job time : 21.6711 secs

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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-6
Perfect score: 40
Sequence: 1 ADMSWA 6

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Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues
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Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:
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9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
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17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	40	100.0	6	10	US-09-847-946A-41 Sequence 41, Appl
2	40	100.0	6	10	US-09-847-946A-73 Sequence 73, Appl
3	40	100.0	7	10	US-09-847-946A-77 Sequence 77, Appl
4	40	100.0	8	10	US-09-847-946A-70 Sequence 70, Appl
5	40	100.0	8	10	US-09-847-946A-78 Sequence 78, Appl
6	40	100.0	9	10	US-09-847-946A-69 Sequence 69, Appl
7	40	100.0	9	10	US-09-847-946A-72 Sequence 72, Appl
8	40	100.0	9	10	US-09-847-946A-75 Sequence 75, Appl
9	40	100.0	9	10	US-09-847-946A-76 Sequence 76, Appl
10	40	100.0	10	10	US-09-847-946A-71 Sequence 71, Appl
11	40	100.0	10	10	US-09-847-946A-74 Sequence 74, Appl
12	40	100.0	11	10	US-09-847-946A-68 Sequence 68, Appl
13	37	92.5	236	14	US-10-441-626-17 Sequence 17, Appl
14	37	92.5	885	9	US-09-815-242-5090 Sequence 5090, Ap
15	37	92.5	885	12	US-10-282-122A-43572 Sequence 43572, A

16	36	90.0	6	9	US-09-847-940B-4	Sequence 4, Appl
17	36	90.0	6	9	US-09-847-940B-5	Sequence 5, Appl
18	36	90.0	6	10	US-09-847-946A-4	Sequence 4, Appl
19	36	90.0	6	10	US-09-847-946A-5	Sequence 5, Appl
20	36	90.0	6	10	US-09-847-946A-39	Sequence 39, Appl
21	36	90.0	6	10	US-09-847-946A-40	Sequence 40, Appl
22	36	90.0	6	10	US-09-847-946A-51	Sequence 51, Appl
23	36	90.0	6	10	US-09-847-946A-62	Sequence 62, Appl
24	36	90.0	6	10	US-09-847-946A-55	Sequence 55, Appl
25	36	90.0	7	10	US-09-847-946A-66	Sequence 66, Appl
26	36	90.0	8	10	US-09-847-946A-48	Sequence 48, Appl
27	36	90.0	8	10	US-09-847-946A-56	Sequence 56, Appl
28	36	90.0	8	10	US-09-847-946A-59	Sequence 59, Appl
29	36	90.0	8	10	US-09-847-946A-67	Sequence 67, Appl
30	36	90.0	9	10	US-09-847-946A-47	Sequence 47, Appl
31	36	90.0	9	10	US-09-847-946A-50	Sequence 50, Appl
32	36	90.0	9	10	US-09-847-946A-53	Sequence 53, Appl
33	36	90.0	9	10	US-09-847-946A-54	Sequence 54, Appl
34	36	90.0	9	10	US-09-847-946A-58	Sequence 58, Appl
35	36	90.0	9	10	US-09-847-946A-61	Sequence 61, Appl
36	36	90.0	9	10	US-09-847-946A-64	Sequence 64, Appl
37	36	90.0	9	10	US-09-847-946A-65	Sequence 65, Appl
38	36	90.0	10	10	US-09-847-946A-49	Sequence 49, Appl
39	36	90.0	10	10	US-09-847-946A-52	Sequence 52, Appl
40	36	90.0	10	10	US-09-847-946A-57	Sequence 57, Appl
41	36	90.0	10	10	US-09-847-946A-60	Sequence 60, Appl
42	36	90.0	10	10	US-09-847-946A-63	Sequence 63, Appl
43	36	90.0	11	10	US-09-847-946A-46	Sequence 46, Appl
44	36	90.0	147	12	US-10-424-599-199086	Sequence 199086, A
45	36	90.0	173	14	US-10-156-761-15045	Sequence 15045, A

ALIGNMENTS

RESULT 1
US-09-847-946A-41
; Sequence 41, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIORITY FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-41

Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9 Se+05; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

Oy 1 ADMSWA 6

Db 1 ADMSWA 6

RESULT 2
 US-09-847-946A-73
 ; Sequence 73, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 73
 ; LENGTH: 6
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-73

Query Match 100.0%; Score 40; DB 10; Length 6;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWA 6
 Db 1 ADWSWA 6

RESULT 3
 US-09-847-946A-77
 ; Sequence 77, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 77
 ; LENGTH: 7
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-77

Query Match 100.0%; Score 40; DB 10; Length 7;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWA 6
 Db 1 ADWSWA 6

Db 1 ADWSWA 6
 RESULT 4
 US-09-847-946A-70
 ; Sequence 70, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 70
 ; LENGTH: 8
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-70

Query Match 100.0%; Score 40; DB 10; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWA 6
 Db 3 ADWSWA 8

RESULT 5
 US-09-847-946A-78
 ; Sequence 78, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 78
 ; LENGTH: 8
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-78

Query Match 100.0%; Score 40; DB 10; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWA 6
    |||||
Db 1 ADWSWA 6

RESULT 6
US-09-847-946A-69
; Sequence 69, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-69

Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWA 6
    |||||
Db 1 ADWSWA 6

RESULT 7
US-09-847-946A-72
; Sequence 72, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-72

Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWA 6
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Db 1 ADWSWA 6

RESULT 8
US-09-847-946A-75
; Sequence 75, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 75
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-75

Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ADWSWA 6
    |||||
Db 3 ADWSWA 8

RESULT 9
US-09-847-946A-76
; Sequence 76, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
; LENGTH: 9
; TYPE: PRT
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; OTHER INFORMATION: sequence
US-09-847-946A-76

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; OTHER INFORMATION: sequence
US-09-847-946A-76

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Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ADMSWA 6
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Db      2 ADMSWA 7

RESULT 10
US-09-847-946A-71
; Sequence 71, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
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; TYPE: PRT
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-71

Query Match      100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ADMSWA 6
        |||||
Db      2 ADMSWA 7

RESULT 11
US-09-847-946A-74
; Sequence 74, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 10
; TYPE: PRT
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-74

Query Match      100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ADMSWA 6
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Db      3 ADMSWA 8

RESULT 12
US-09-847-946A-68
; Sequence 68, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-68

Query Match      100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ADMSWA 6
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Db      3 ADMSWA 8

RESULT 13
US-10-441-626-17
; Sequence 17, Application US/10441626
; Publication No. US20030186418A1
; GENERAL INFORMATION:
; APPLICANT: Gualfetti, Peter
; APPLICANT: Mitchinson, Colin
; APPLICANT: Phillips, Jay Ian
; TITLE OF INVENTION: No. US20030186418A1e1 Variant EGIII-Like Cellulase
; FILE REFERENCE: GC631
; CURRENT APPLICATION NUMBER: US/10/441,626
; CURRENT FILING DATE: 2003-05-19
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 236
; TYPE: PRT
; ORGANISM: Gliocladium roseum (3)
US-10-441-626-17
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Query Match 92.5%; Score 37; DB 14; Length 236;
Best Local Similarity 83.3%; Pred. No. 4.7e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWA 6
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DB 63 ADMSWS 68

RESULT 14

US-09-815-242-5090
; Sequence 5090, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zvekind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; TITLE OF INVENTION: Prokaryotes
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5090
; LENGTH: 885
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-815-242-5090

Query Match 92.5%; Score 37; DB 9; Length 885;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWA 6
| | | | |
DB 563 ADMAWA 568

RESULT 15

US-10-282-122A-43572
; Sequence 43572, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zvekind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant

; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43572
; LENGTH: 885
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-10-282-122A-43572

Query Match 92.5%; Score 37; DB 12; Length 885;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 ADMSWA 6
| | | | |
DB 563 ADMAWA 568

Search completed: March 17, 2004, 18:45:25
Job time : 22.6711 secs

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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-7
Perfect score: 38
Sequence: 1 LAWSWL 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues
Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
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Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	38	100.0	6	9 US-09-847-940B-7	Sequence 7, Appli
2	38	100.0	6	10 US-09-847-946A-7	Sequence 7, Appli
3	38	100.0	97	12 US-10-424-599-260030	Sequence 260030,
4	38	100.0	216	12 US-10-424-599-157658	Sequence 157658,
5	38	100.0	872	15 US-10-369-493-20896	Sequence 20896, A
6	38	100.0	1217	15 US-10-104-047-2263	Sequence 2263, Ap
7	35	92.1	86	12 US-10-424-599-234031	Sequence 234031,
8	35	92.1	120	12 US-10-424-599-202984	Sequence 202984,
9	35	92.1	196	14 US-10-080-170-120	Sequence 120, App
10	35	92.1	210	14 US-10-080-170-548	Sequence 548, App
11	35	92.1	1055	9 US-09-759-667A-3	Sequence 3, Appli
12	34	89.5	56	10 US-09-333-767-359	Sequence 359, App
13	34	89.5	56	14 US-10-023-282-359	Sequence 359, App
14	34	89.5	64	9 US-09-864-761-39808	Sequence 39808, A
15	34	89.5	68	12 US-10-424-599-278156	Sequence 278156,

16	34	89.5	87	12	US-10-424-599-155295	Sequence 155295,
17	34	89.5	89	12	US-10-424-599-145894	Sequence 145894,
18	34	89.5	93	12	US-10-424-599-258454	Sequence 258454,
19	34	89.5	100	12	US-10-424-599-257999	Sequence 257999,
20	34	89.5	112	12	US-10-424-599-260060	Sequence 260060,
21	34	89.5	116	12	US-10-424-599-210233	Sequence 210233,
22	34	89.5	123	12	US-10-424-599-160618	Sequence 160618,
23	34	89.5	125	12	US-10-424-599-157430	Sequence 157430,
24	34	89.5	141	12	US-10-424-599-201276	Sequence 201276,
25	34	89.5	151	12	US-10-424-599-160617	Sequence 160617,
26	34	89.5	151	12	US-10-424-599-194963	Sequence 194963,
27	34	89.5	170	15	US-10-104-047-2210	Sequence 2210, Ap
28	34	89.5	191	12	US-10-424-599-200365	Sequence 200365,
29	34	89.5	218	12	US-10-425-114-50280	Sequence 50280, A
30	34	89.5	237	12	US-10-425-114-68871	Sequence 68871, A
31	34	89.5	260	12	US-10-424-599-249146	Sequence 249146,
32	34	89.5	288	12	US-10-425-114-64935	Sequence 64935, A
33	34	89.5	449	14	US-10-156-761-7842	Sequence 7842, Ap
34	34	89.5	493	15	US-10-147-324-2	Sequence 2, Appli
35	34	89.5	514	12	US-10-336-472-56	Sequence 56, Appli
36	34	89.5	544	14	US-10-067-668-8	Sequence 8, Appli
37	34	89.5	544	14	US-10-175-696-8	Sequence 8, Appli
38	34	89.5	544	14	US-10-257-378-17	Sequence 17, Appli
39	34	89.5	547	12	US-10-424-599-284901	Sequence 284901,
40	34	89.5	659	15	US-10-369-493-18334	Sequence 18334, A
41	34	89.5	821	15	US-10-369-493-7850	Sequence 7850, Ap
42	34	89.5	1408	16	US-10-389-566-2436	Sequence 2436, Ap
43	34	89.5	1411	16	US-10-389-566-1044	Sequence 1044, Ap
44	33	86.8	6	9	US-09-847-940B-8	Sequence 8, Appli
45	33	86.8	6	10	US-09-847-946A-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-09-847-940B-7
; Sequence 7, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 7
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-7

Query Match 100.0%; Score 38; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LAWSWL 6
DB 1 LAWSWL 6
RESULT 2
US-09-847-946A-7
; Sequence 7, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-7

Query Match 100.0%; Score 38; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
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Db 1 LAWSWL 6

RESULT 3
US-10-424-599-260030
; Sequence 260030, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 260030
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_76831C.1.pap
US-10-424-599-260030

Query Match 100.0%; Score 38; DB 12; Length 97;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
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Db 69 LAWSWL 74

RESULT 4
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; Sequence 157658, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 157658
; LENGTH: 216
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_113385C.1.pap
US-10-424-599-157658

Query Match 100.0%; Score 38; DB 12; Length 216;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
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Db 188 LAWSWL 193

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; Sequence 20896, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 20896
; LENGTH: 872
; TYPE: PRT
; ORGANISM: SYNECHOCOCUS SP. WH 8102
US-10-369-493-20896

Query Match 100.0%; Score 38; DB 15; Length 872;
Best Local Similarity 100.0%; Pred. No. 1.6e+03;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
| | | | |
Db 692 LAWSWL 697

RESULT 6
US-10-104-047-2263
; Sequence 2263, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2263
; LENGTH: 1217
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-104-047-2263

Query Match 100.0%; Score 38; DB 15; Length 1217;
 Best Local Similarity 100.0%; Pred. No. 2e+03; Indels 0; Gaps 0;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
 Db 590 LAWSWL 595

RESULT 7

US-10-424-599-234031
 ; Sequence 234031, Application US/10424599
 ; Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovalic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 285684
 ; SEQ ID NO 234031
 ; LENGTH: 86
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_53354C.1.pep
 US-10-424-599-234031

Query Match 92.1%; Score 35; DB 12; Length 86;
 Best Local Similarity 83.3%; Pred. No. 6.7e+02; Indels 0; Gaps 0;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
 Db 17 LAWSWV 22

RESULT 8

US-10-424-599-202984
 ; Sequence 202984, Application US/10424599
 ; Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovalic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 285684
 ; SEQ ID NO 202984
 ; LENGTH: 120
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_2531C.1.pep
 US-10-424-599-202984

Query Match 92.1%; Score 35; DB 12; Length 120;
 Best Local Similarity 83.3%; Pred. No. 8.6e+02; Indels 0; Gaps 0;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
 Db 110 LAWSWL 115

RESULT 9

US-10-080-170-120
 ; Sequence 120, Application US/10080170
 ; Publication No. US20030129601A1
 ; GENERAL INFORMATION:
 ; APPLICANT: COLE, S.T.
 ; TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR
 ; IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR
 ; TREATMENT OF MYCOBACTERIOSES
 ; FILE REFERENCE: 03495.0218
 ; CURRENT APPLICATION NUMBER: US/10/080,170
 ; CURRENT FILING DATE: 2002-06-10
 ; PRIOR APPLICATION NUMBER: 60/270,123
 ; PRIOR FILING DATE: 2001-02-22
 ; NUMBER OF SEQ ID NOS: 652
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 120
 ; LENGTH: 196
 ; TYPE: PRT
 ; ORGANISM: Mycobacterium leprae
 US-10-080-170-120

Query Match 92.1%; Score 35; DB 14; Length 196;
 Best Local Similarity 83.3%; Pred. No. 1.2e+03; Indels 0; Gaps 0;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
 Db 109 VAWSWL 114

RESULT 10

US-10-080-170-548
 ; Sequence 548, Application US/10080170
 ; Publication No. US20030129601A1
 ; GENERAL INFORMATION:
 ; APPLICANT: COLE, S.T.
 ; TITLE OF INVENTION: COMPARATIVE MYCOBACTERIAL GENOMICS AS A TOOL FOR
 ; IDENTIFYING TARGETS FOR THE DIAGNOSIS, PROPHYLAXIS OR
 ; TREATMENT OF MYCOBACTERIOSES
 ; FILE REFERENCE: 03495.0218
 ; CURRENT APPLICATION NUMBER: US/10/080,170
 ; CURRENT FILING DATE: 2002-06-10
 ; PRIOR APPLICATION NUMBER: 60/270,123
 ; PRIOR FILING DATE: 2001-02-22
 ; NUMBER OF SEQ ID NOS: 652
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 548
 ; LENGTH: 210
 ; TYPE: PRT
 ; ORGANISM: Mycobacterium tuberculosis
 US-10-080-170-548

Query Match 92.1%; Score 35; DB 14; Length 210;
 Best Local Similarity 83.3%; Pred. No. 1.3e+03; Indels 0; Gaps 0;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSWL 6
 Db 123 VAWSWL 128

RESULT 11

US-09-759-667A-3
 ; Sequence 3, Application US/09759667A
 ; Patent No. US20020064777A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mengiste, Tesaye
 ; APPLICANT: Paszkowski, Jerzy
 ; TITLE OF INVENTION: Recombination Repair Gene, MM, from Arabidopsis thaliana
 ; FILE REFERENCE: S-30568A

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; CURRENT APPLICATION NUMBER: US/09/759,667A
; CURRENT FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 9815485.9
; PRIOR FILING DATE: 1998-07-16
; PRIOR APPLICATION NUMBER: 9900760.1
; PRIOR FILING DATE: 1999-01-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 1055
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
US-09-759-667A-3

Query Match          92.1%; Score 35; DB 9; Length 1055;
Best Local Similarity 83.3%; Pred. No. 4.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LAWSWL 6
Db      248 LAWSV 253

RESULT 12
US-09-933-767-359
; Sequence 359, Application US/09933767
; Publication No. US20030181692A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 207 Human Secreted Proteins
; FILE REFERENCE: PZ007P2
; CURRENT APPLICATION NUMBER: US/09/933,767
; CURRENT FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: PCT/US01/05614
; PRIOR FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: 60/184,836
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/193,170
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 09/205,258
; PRIOR FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: PCT/US98/11422
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/048,885
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/049,375
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,881
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,880
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,896
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; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,876
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,895
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,884
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; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/049,373
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,875
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; PRIOR APPLICATION NUMBER: 60/049,374
; PRIOR FILING DATE: 1997-06-06
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; PRIOR FILING DATE: 1997-06-06
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; PRIOR APPLICATION NUMBER: 60/048,962
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; PRIOR FILING DATE: 1997-06-06
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; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/048,878
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/073,160
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/073,159
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/073,165
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/073,164
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/085,925
; PRIOR FILING DATE: 1998-05-18
; PRIOR APPLICATION NUMBER: 60/085,921
; PRIOR FILING DATE: 1998-05-18
; PRIOR APPLICATION NUMBER: 60/085,923
; PRIOR FILING DATE: 1998-05-18
; PRIOR APPLICATION NUMBER: 60/085,922
; PRIOR FILING DATE: 1998-05-18
; PRIOR APPLICATION NUMBER: 60/092,921
; PRIOR FILING DATE: 1998-07-15
; PRIOR APPLICATION NUMBER: 60/094,657
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 1245
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 359
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LENGTH: 56
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (56)
OTHER INFORMATION: Xaa equals stop translation
US-09-933-767-359

Query Match 89.5% Score 34; DB 10; Length 56;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSW 5
Db 9 LAWSW 13

RESULT 13
US-10-023-282-359
Sequence 359, Application US/10023282
Publication No. US20030092893A1
GENERAL INFORMATION:
APPLICANT: Young et al.
TITLE OF INVENTION: 207 Human Secreted Proteins
FILE REFERENCE: P2007P1
CURRENT APPLICATION NUMBER: US/10/023.282
CURRENT FILING DATE: 2001-12-20
EARLIER APPLICATION NUMBER: 09/205.258
EARLIER FILING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: PCT/US98/11422
EARLIER FILING DATE: 1998-06-04
EARLIER APPLICATION NUMBER: 60/048.885
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/049.375
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048.881
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/048.880
EARLIER FILING DATE: 1997-06-06
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EARLIER FILING DATE: 1997-06-06
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EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/070.923
EARLIER FILING DATE: 1997-12-18
EARLIER APPLICATION NUMBER: 60/092.921
EARLIER FILING DATE: 1998-07-15
EARLIER APPLICATION NUMBER: 60/094.657
EARLIER FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 1227
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 359
LENGTH: 56
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (56)
OTHER INFORMATION: Xaa equals stop translation
US-10-023-282-359

Query Match 89.5% Score 34; DB 14; Length 56;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSW 5
Db 9 LAWSW 13

RESULT 14
US-09-864-761-39808
Sequence 39808, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aeomica-X-1
CURRENT APPLICATION NUMBER: US/09/864.761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180.312

; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 39808
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC004596.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.3
; OTHER INFORMATION: EST HUMAN HIT: BE891286.1, EVALUE 3.00e-33
; OTHER INFORMATION: SWISSPROT HIT: P14528, EVALUE 4.50e+00
; US-09-864-761-39808

Query Match 89.5%; Score 34; DB 9; Length 64;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LAWSW 5
Db 33 LAWSW 37

RESULT 15

US-10-424-599-278156
; Sequence 278156, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with

; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 39-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 278156
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_93199C.1.pep
; US-10-424-599-278156

Query Match 89.5%; Score 34; DB 12; Length 68;
Best Local Similarity 83.3%; Pred. No. 7.5e+02;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 LAWSW 6
Db 40 LTWSWL 45

Search completed: March 17, 2004, 18:45:26
Job time : 22.6711 secs

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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-8

Perfect score: 39

Sequence: 1 LEWSWL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	39	100.0	6	9	US-09-847-940B-8
2	39	100.0	6	10	US-09-847-946A-8
3	36	92.3	6	9	US-09-847-940B-2
4	36	92.3	6	10	US-09-847-946A-2
5	36	92.3	6	10	US-09-847-946A-33
6	36	92.3	7	10	US-09-847-946A-37
7	36	92.3	8	10	US-09-847-946A-30
8	36	92.3	8	10	US-09-847-946A-38
9	36	92.3	9	10	US-09-847-946A-29
10	36	92.3	9	10	US-09-847-946A-32
11	36	92.3	9	10	US-09-847-946A-35
12	36	92.3	9	10	US-09-847-946A-36
13	36	92.3	10	10	US-09-847-946A-31
14	36	92.3	10	10	US-09-847-946A-34
15	36	92.3	11	10	US-09-847-946A-28

16	36	92.3	11	10	US-09-847-946A-132	Sequence 132, App
17	36	92.3	11	10	US-09-847-946A-140	Sequence 140, App
18	36	92.3	13	10	US-09-847-946A-143	Sequence 143, App
19	36	92.3	13	10	US-09-847-946A-144	Sequence 144, App
20	36	92.3	13	10	US-09-847-946A-145	Sequence 145, App
21	36	92.3	13	10	US-09-847-946A-148	Sequence 148, App
22	36	92.3	17	10	US-09-847-946A-141	Sequence 141, App
23	36	92.3	17	10	US-09-847-946A-142	Sequence 142, App
24	36	92.3	17	10	US-09-847-946A-146	Sequence 146, App
25	36	92.3	17	10	US-09-847-946A-147	Sequence 147, App
26	36	92.3	18	10	US-09-847-946A-131	Sequence 131, App
27	36	92.3	18	10	US-09-847-946A-135	Sequence 135, App
28	36	92.3	18	10	US-09-847-946A-136	Sequence 136, App
29	36	92.3	22	10	US-09-847-946A-133	Sequence 133, App
30	36	92.3	22	10	US-09-847-946A-134	Sequence 134, App
31	36	92.3	22	10	US-09-847-946A-137	Sequence 137, App
32	36	92.3	22	10	US-09-847-946A-138	Sequence 138, App
33	36	92.3	22	10	US-09-847-946A-139	Sequence 139, App
34	36	92.3	28	9	US-09-847-940B-18	Sequence 18, Appl
35	36	92.3	28	10	US-10-424-599-196520	Sequence 196520,
36	36	92.3	70	12	US-09-771-161A-141	Sequence 141, App
37	36	92.3	222	9	US-09-796-872-2	Sequence 2, Appli
38	36	92.3	745	9	US-09-844-908-10	Sequence 10, Appl
39	36	92.3	745	9	US-09-844-988-10	Sequence 10, Appl
40	36	92.3	745	9	US-10-243-408-4	Sequence 4, Appli
41	36	92.3	745	14	US-10-059-585-35	Sequence 35, Appl
42	36	92.3	745	14	US-10-338-462-10	Sequence 10, Appl
43	36	92.3	745	15	US-10-408-636-3	Sequence 3, Appli
44	36	92.3	745	15	US-10-394-322A-32	Sequence 32, Appl
45	36	92.3	745	15		

ALIGNMENTS

RESULT 1
US-09-847-940B-8
; Sequence 8, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-8

Query Match 100.0%; Score 39; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LEWSWL 6
Db 1 LEWSWL 6
RESULT 2
US-09-847-946A-8
; Sequence 8, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

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; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-8

Query Match      100.0%; Score 39; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
Db      1 LEWSWL 6

RESULT 3
US-09-847-940B-2
; Sequence 2, Application US/09847940B
; Publication No. US2002015600A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-2

Query Match      92.3%; Score 36; DB 9; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
Db      1 LDWSWL 6

RESULT 4
US-09-847-946A-2
; Sequence 2, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
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; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-2

Query Match      92.3%; Score 36; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
Db      1 LDWSWL 6

RESULT 5
US-09-847-946A-33
; Sequence 33, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-33

Query Match      92.3%; Score 36; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
Db      1 LDWSWL 6

RESULT 6
US-09-847-946A-37
; Sequence 37, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
```

; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-37

Query Match 92.3%; Score 36; DB 10; Length 7;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 1 LEWSWL 6
|:||||
Db 1 LDWSWL 6

RESULT 7

US-09-847-946A-30
; Sequence 30; Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-30

Query Match 92.3%; Score 36; DB 10; Length 8;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 1 LEWSWL 6
|:||||
Db 3 LDWSWL 8

RESULT 8

US-09-847-946A-38
; Sequence 38; Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:

; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-38

Query Match 92.3%; Score 36; DB 10; Length 8;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 1 LEWSWL 6
|:||||
Db 1 LDWSWL 6

RESULT 9

US-09-847-946A-29
; Sequence 29; Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-29

Query Match 92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Oy 1 LEWSWL 6
|:||||
Db 1 LDWSWL 6

RESULT 10

US-09-847-946A-32

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; Sequence 32, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-32

Query Match          92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
Db      1 LDWSWL 6

RESULT 11
US-09-847-946A-35
; Sequence 35, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
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; SEQ ID NO 35
; LENGTH: 9
; TYPE: PRT
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; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-35

Query Match          92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
Db      3 LDWSWL 8

RESULT 12
US-09-847-946A-36
; Sequence 36, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
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; LENGTH: 9
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-36

Query Match          92.3%; Score 36; DB 10; Length 9;
Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
Db      2 LDWSWL 7

RESULT 13
US-09-847-946A-31
; Sequence 31, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-31

Query Match          92.3%; Score 36; DB 10; Length 10;
Best Local Similarity 83.3%; Pred. No. 92;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LEWSWL 6
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Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Db 2 LDWSWL 7
|:|||||Qy 1 LEWSWL 6
|:|||||
Db 3 LDWSWL 8Search completed: March 17, 2004, 18:45:27
Job time : 22.6711 secs

RESULT 14
US-09-847-946A-34
; Sequence 34, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-34

Query Match 92.3%; Score 36; DB 10; Length 10;
Best Local Similarity 83.3%; Pred. No. 92;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;Qy 1 LEWSWL 6
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Db 3 LDWSWL 8

RESULT 15
US-09-847-946A-28
; Sequence 28, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-28

Query Match 92.3%; Score 36; DB 10; Length 11;
Best Local Similarity 83.3%; Pred. No. 98;

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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
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Title: US-09-643-260-9
Perfect score: 40
Sequence: 1 LNWSWL 6

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Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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17: /cgn2_6/ptodata/1/pubpaa/US60_NEW PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	40	100.0	6	9	US-09-847-940B-9
2	40	100.0	6	10	US-09-847-946A-9
3	36	90.0	117	10	US-09-809-391-360
4	36	90.0	117	10	US-09-882-171-360
5	36	90.0	117	15	US-10-108-260A-2983
6	36	90.0	206	12	US-10-425-114-53485
7	36	90.0	284	12	US-10-425-114-58553
8	36	90.0	287	12	US-10-425-114-51905
9	36	90.0	444	12	US-10-425-114-65445
10	36	90.0	455	12	US-10-282-122A-73424
11	36	90.0	460	12	US-10-282-122A-74853
12	36	90.0	460	12	US-10-282-122A-76281
13	36	90.0	462	12	US-10-425-114-66792
14	36	90.0	464	9	US-09-815-242-10647
15	36	90.0	464	12	US-10-282-122A-42561

16	36	90.0	467	9	US-09-815-242-4997	Sequence 4997, Ap
17	36	90.0	864	15	US-10-436-715-29	Sequence 29, Appl
18	36	90.0	864	15	US-10-436-715-82	Sequence 82, Appl
19	35	87.5	6	9	US-09-847-940B-2	Sequence 2, Appli
20	35	87.5	6	10	US-09-847-946A-2	Sequence 2, Appli
21	35	87.5	6	10	US-09-847-946A-33	Sequence 33, Appl
22	35	87.5	7	10	US-09-847-946A-37	Sequence 37, Appl
23	35	87.5	8	10	US-09-847-946A-10	Sequence 30, Appl
24	35	87.5	8	10	US-09-847-946A-38	Sequence 38, Appl
25	35	87.5	9	10	US-09-847-946A-29	Sequence 29, Appl
26	35	87.5	9	10	US-09-847-946A-32	Sequence 32, Appl
27	35	87.5	9	10	US-09-847-946A-35	Sequence 35, Appl
28	35	87.5	9	10	US-09-847-946A-36	Sequence 36, Appl
29	35	87.5	10	10	US-09-847-946A-31	Sequence 31, Appl
30	35	87.5	10	10	US-09-847-946A-34	Sequence 34, Appl
31	35	87.5	11	10	US-09-847-946A-28	Sequence 28, Appl
32	35	87.5	11	10	US-09-847-946A-132	Sequence 132, App
33	35	87.5	11	10	US-09-847-946A-140	Sequence 140, App
34	35	87.5	13	10	US-09-847-946A-143	Sequence 143, App
35	35	87.5	13	10	US-09-847-946A-144	Sequence 144, App
36	35	87.5	13	10	US-09-847-946A-145	Sequence 145, App
37	35	87.5	13	10	US-09-847-946A-148	Sequence 148, App
38	35	87.5	17	10	US-09-847-946A-141	Sequence 141, App
39	35	87.5	17	10	US-09-847-946A-142	Sequence 142, App
40	35	87.5	17	10	US-09-847-946A-146	Sequence 146, App
41	35	87.5	17	10	US-09-847-946A-147	Sequence 147, App
42	35	87.5	18	10	US-09-847-946A-131	Sequence 131, App
43	35	87.5	18	10	US-09-847-946A-135	Sequence 135, App
44	35	87.5	18	10	US-09-847-946A-136	Sequence 136, App
45	35	87.5	22	10	US-09-847-946A-133	Sequence 133, App

ALIGNMENTS

RESULT 1
US-09-847-940B-9
; Sequence 9, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847, 940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-9

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LNWSWL 6
Db 1 LNWSWL 6

RESULT 2
US-09-847-946A-9
; Sequence 9, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

PRIOR FILING DATE: 1997-04-11	PRIOR APPLICATION NUMBER: 60/043,669
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?	PRIOR FILING DATE:	1997-08-22
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?	PRIOR FILING DATE:	1997-09-05

Query Match 90.0%; Score 36; DB 15; Length 117;
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Db 20 NWSWL 24

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; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 53485
; LENGTH: 206
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700380171_FLI.pep
US-10-425-114-53485

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Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
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; TYPE: PRT
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; FEATURE:
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; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
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; LENGTH: 287
; TYPE: PRT
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; FEATURE:
; OTHER INFORMATION: Clone ID: 700221591_FLI.pep
US-10-425-114-51905

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RESULT 9

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; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 65445
; LENGTH: 444
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB4765-002-C8_FLI.pep
US-10-425-114-65445

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Best Local Similarity 100.0%; Pred. No. 1.7e+03;
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Db 332 NWSWL 336

RESULT 10

US-10-282-122A-73424
; Sequence 73424, Application US/10282122A
; Publication No. US20040029129A1

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; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73424
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Salmonella paratyphi A
; FEATURE:
; NAME/KEY: MISC FEATURE
; LOCATION: (305)..(305)
; OTHER INFORMATION: X=any amino acid
US-10-282-122A-73424

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; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73424
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Salmonella typhimurium
US-10-282-122A-74853

Query Match          90.0%; Score 36; DB 12; Length 460;
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Oy      2 NWSWL 6
Db      418 NWSWL 422

RESULT 12
US-10-282-122A-76281
; Sequence 76281, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335

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; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 76281
; LENGTH: 460
; TYPE: PRT
; ORGANISM: Salmonella typhi
US-10-282-122A-76281

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Query Match          90.0%; Score 36; DB 12; Length 460;
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Db      418 NWSWL 422

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; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 66792
; LENGTH: 462
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB4746-059-C6_FLI.pep
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; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zyskind, Judith W.

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; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 10647
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-815-242-10647

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Query Match          90.0%; Score 36; DB 9; Length 464;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      2 NWSWL 6
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Db      422 NWSWL 426

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RESULT 15
US-10-282-122A-42561
; Sequence 42561, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578

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; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42561
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-10-282-122A-42561

Query Match 90.0%; Score 36; DB 12; Length 464;
Best Local Similarity 100.0%; Pred. No. 1.7e+03;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 NWSWL 6
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Db 422 NWSWL 426

Search completed: March 17, 2004, 18:45:27
Job time : 21.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-10

Perfect score: 33

Sequence: 1 LDASWL 6

Scoring table:

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Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	33	100.0	6	9	US-09-847-940B-10
2	33	100.0	6	10	US-09-847-946A-10
3	33	100.0	105	9	US-09-738-626-6278
4	33	100.0	684	12	US-10-282-122A-69449
5	33	100.0	1174	12	US-10-282-122A-50099
6	33	100.0	1177	12	US-10-282-122A-48238
7	30	90.9	191	15	US-10-291-265-782
8	30	90.9	221	14	US-10-169-048-2
9	30	90.9	261	9	US-09-765-205-14
10	30	90.9	261	15	US-10-360-849A-12
11	30	90.9	261	15	US-10-360-849A-15
12	30	90.9	261	15	US-10-360-849A-18
13	30	90.9	277	15	US-10-291-265-310
14	30	90.9	612	12	US-10-282-122A-52265
15	30	90.9	686	12	US-10-282-122A-67777

16	30	90.9	919	9	US-09-738-626-6970	Sequence 6970, Ap
17	30	90.9	935	9	US-09-784-208-3	Sequence 3, Appl
18	30	90.9	935	13	US-10-078-107-1	Sequence 1, Appl
19	30	90.9	935	13	US-10-077-751-1	Sequence 1, Appl
20	30	90.9	935	14	US-10-315-023-3	Sequence 3, Appl
21	30	90.9	935	14	US-10-315-023-8	Sequence 8, Appl
22	30	90.9	935	14	US-10-077-743-1	Sequence 1, Appl
23	30	90.9	935	14	US-10-338-915-1	Sequence 1, Appl
24	29	87.9	65	12	US-10-424-599-182512	Sequence 231343,
25	29	87.9	69	12	US-10-424-599-269884	Sequence 182512,
26	29	87.9	69	12	US-10-424-599-269884	Sequence 269884,
27	29	87.9	111	12	US-10-424-599-194298	Sequence 194298,
28	29	87.9	136	9	US-09-738-973-123	Sequence 123, App
29	29	87.9	136	9	US-09-854-133-123	Sequence 123, App
30	29	87.9	136	14	US-10-144-649A-123	Sequence 123, App
31	29	87.9	143	12	US-10-424-599-153300	Sequence 153300,
32	29	87.9	183	12	US-10-425-114-53768	Sequence 53768, A
33	29	87.9	238	15	US-10-108-260A-1740	Sequence 3740, Ap
34	29	87.9	243	12	US-10-389-647-675	Sequence 675, App
35	29	87.9	269	15	US-10-369-493-592	Sequence 592, App
36	29	87.9	277	15	US-10-369-493-5377	Sequence 5377, Ap
37	29	87.9	278	15	US-10-369-493-7867	Sequence 7867, Ap
38	29	87.9	279	15	US-10-369-493-11783	Sequence 11783, A
39	29	87.9	279	15	US-10-369-493-14664	Sequence 14664, A
40	29	87.9	279	15	US-10-369-493-15142	Sequence 15142, A
41	29	87.9	285	15	US-10-369-493-7936	Sequence 7936, Ap
42	29	87.9	286	15	US-10-369-493-821	Sequence 821, App
43	29	87.9	293	15	US-10-369-493-21834	Sequence 21834, A
44	29	87.9	297	9	US-09-981-353-90	Sequence 90, Appl
45	29	87.9	305	9	US-09-815-242-12482	Sequence 12482, A

ALIGNMENTS

RESULT 1

US-09-847-940B-10
; Sequence 10, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-10

Query Match 100.0%; Score 33; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	LDASWL 6
Db	1	LDASWL 6

RESULT 2

US-09-847-946A-10
; Sequence 10, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 10

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: NBD peptide

US-09-847-946A-10

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Best Local Similarity 100.0%; Pred. No. 9.4e+05;
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Db 1 LDASWL 6

RESULT 3

US-09-738-626-6278

; Sequence 6278, Application US/09738626

; Publication No. US20020197605A1

; GENERAL INFORMATION:

; APPLICANT: NAKAGAWA, SATOSHI

; APPLICANT: MIZOGUCHI, HIROSHI

; APPLICANT: ANDO, SEIKO

; APPLICANT: HAYASHI, MIKIRO

; APPLICANT: OCHIAI, KEIKO

; APPLICANT: YOKOI, HARUHIKO

; APPLICANT: TATEISHI, NAOKO

; APPLICANT: SENO, AKIHIRO

; APPLICANT: IKEDA, MASATO

; APPLICANT: OZAKI, AKIO

; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES

; FILE REFERENCE: 249-125

; CURRENT APPLICATION NUMBER: US/09/738,626

; CURRENT FILING DATE: 2000-12-18

; PRIOR APPLICATION NUMBER: JP 99/377484

; PRIOR FILING DATE: 1999-12-16

; PRIOR APPLICATION NUMBER: JP 00/159162

; PRIOR FILING DATE: 2000-04-07

; PRIOR APPLICATION NUMBER: JP 00/280988

; PRIOR FILING DATE: 2000-08-03

; NUMBER OF SEQ ID NOS: 7059

; SOFTWARE: PatentIn ver. 3.0

; SEQ ID NO 6278

; LENGTH: 105

; TYPE: PRT

; ORGANISM: Corynebacterium glutamicum

US-09-738-626-6278

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Qy 1 LDASWL 6

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Db 48 LDASWL 53

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US-10-282-122A-69449

; Sequence 69449, Application US/10282122A

; Publication No. US20040029129A1

; GENERAL INFORMATION:

; APPLICANT: Wang, Liangsu

; APPLICANT: Zamudio, Carlos

; APPLICANT: Malone, Cheryl

; APPLICANT: Haselbeck, Robert

; APPLICANT: Ohlsen, Kari

; APPLICANT: Zyskind, Judith

; APPLICANT: Wall, Daniel

; APPLICANT: Trawick, John

; APPLICANT: Carr, Grant

; APPLICANT: Yamamoto, Robert

; APPLICANT: Forsyth, R.

; APPLICANT: Xu, H.

; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms

; FILE REFERENCE: EITRA.034A

; CURRENT APPLICATION NUMBER: US/10/282,122A

; CURRENT FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: 60/191,078

; PRIOR FILING DATE: 2000-03-21

; PRIOR APPLICATION NUMBER: 60/206,848

; PRIOR FILING DATE: 2000-05-23

; PRIOR APPLICATION NUMBER: 60/207,727

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: 60/230,335

; PRIOR FILING DATE: 2000-09-06

; PRIOR APPLICATION NUMBER: 60/230,347

; PRIOR FILING DATE: 2000-09-09

; PRIOR APPLICATION NUMBER: 60/242,578

; PRIOR FILING DATE: 2000-10-23

; PRIOR APPLICATION NUMBER: 60/253,625

; PRIOR FILING DATE: 2000-11-27

; PRIOR APPLICATION NUMBER: 60/257,931

; PRIOR FILING DATE: 2000-12-22

; PRIOR APPLICATION NUMBER: 60/267,636

; PRIOR FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/269,308

; PRIOR FILING DATE: 2001-02-16

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 78614

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 69449

; LENGTH: 684

; TYPE: PRT

; ORGANISM: Pseudomonas syringae

US-10-282-122A-69449

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Best Local Similarity 100.0%; Pred. No. 9.7e+02;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASWL 6

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Db 340 LDASWL 345

RESULT 5

US-10-282-122A-50099

; Sequence 50099, Application US/10282122A

; Publication No. US20040029129A1

; GENERAL INFORMATION:

; APPLICANT: Wang, Liangsu

; APPLICANT: Zamudio, Carlos

; APPLICANT: Malone, Cheryl

; APPLICANT: Haselbeck, Robert

; APPLICANT: Ohlsen, Kari

; APPLICANT: Zyskind, Judith

; APPLICANT: Wall, Daniel

; APPLICANT: Trawick, John

; APPLICANT: Carr, Grant


```

; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50099
; LENGTH: 1174
; TYPE: PRT
; ORGANISM: Burkholderia mallei
US-10-282-122A-50099

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DB      116 LDASWL 121

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; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zykkind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335

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; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48238
; LENGTH: 1177
; TYPE: PRT
; ORGANISM: Burkholderia cepacia
US-10-282-122A-48238

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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB      116 LDASWL 121

RESULT 7
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; Sequence 782, Application US/10291265
; Publication No. US20030232054A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; APPLICANT: Tang et al.
; TITLE OF INVENTION: No. US20030232054A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 21272-017 (785)
; CURRENT APPLICATION NUMBER: US/10/291,265
; CURRENT FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/491,404
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/617,746
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 09/631,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 09/633,870
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 944
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 782
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-291-265-782

Query Match          90.9%; Score 30; DB 15; Length 191;
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Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDASWL 6
DB      161 LDASWL 166

RESULT 8
US-10-169-048-2
; Sequence 2, Application US/10169048
; Publication No. US20030072769A1
; GENERAL INFORMATION:
; APPLICANT: Clarke, Edna Elizabeth

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; APPLICANT: Zhou, Liqing
; APPLICANT: Shea, Jacqueline Elizabeth
; APPLICANT: Feldman, Robert Graham
; APPLICANT: Holden, David William
; TITLE OF INVENTION: Streptococcus Pyogenes Virulence Genes and Proteins And Their Use
; FILE REFERENCE: GJE-97
; CURRENT APPLICATION NUMBER: US/10/169,048
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: PCT/GB00/04997
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 221
; TYPE: PRT
; ORGANISM: Streptococcus pyogenes
US-10-169-048-2

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Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASWL 6
Db      36 LDAAWL 41

RESULT 9
US-09-765-205-14
; Sequence 14, Application US/09765205
; Patent No. US20020034800A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Li
; TITLE OF INVENTION: BONE MARROW SECRETED PROTEINS AND POLYNUCLEOTIDES
; FILE REFERENCE: 1458.004/200130.449
; CURRENT APPLICATION NUMBER: US/09/765.205
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US/09/212.440
; PRIOR FILING DATE: 1998-12-16
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 261
; TYPE: PRT
; ORGANISM: human
US-09-765-205-14

Query Match          90.9%; Score 30; DB 9; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASWL 6
Db      161 LDASWV 166

RESULT 10
US-10-360-849A-12
; Sequence 12, Application US/10360849A
; Publication No. US20030220249A1
; GENERAL INFORMATION:
; APPLICANT: Discovery Genomics, Inc.
; APPLICANT: Hackett, Perry
; APPLICANT: Nasevicius, Aidas
; APPLICANT: Essner, Jeffrey
; APPLICANT: Clark, Karl
; APPLICANT: Larson, Jon
; APPLICANT: Ekker, Stephen
; APPLICANT: Roberg-Perez, Sharon
; TITLE OF INVENTION: FACTORS FOR ANGIOGENESIS, VASCULOGENESIS, CARTILAGE FORMATION,
; FILE REFERENCE: 3021.05US02
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; CURRENT APPLICATION NUMBER: US/10/360,849A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/354,978
; PRIOR FILING DATE: 2002-02-07
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 261
; TYPE: PRT
; ORGANISM: danio rerio
US-10-360-849A-12
```

```
Query Match          90.9%; Score 30; DB 15; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 LDASWL 6
Db      161 LDASWV 166
```

```
RESULT 11
US-10-360-849A-15
; Sequence 15, Application US/10360849A
; Publication No. US20030220249A1
; GENERAL INFORMATION:
; APPLICANT: Discovery Genomics, Inc.
; APPLICANT: Hackett, Perry
; APPLICANT: Nasevicius, Aidas
; APPLICANT: Essner, Jeffrey
; APPLICANT: Clark, Karl
; APPLICANT: Larson, Jon
; APPLICANT: Ekker, Stephen
; APPLICANT: Roberg-Perez, Sharon
; APPLICANT: Wadman, Shannon
; TITLE OF INVENTION: FACTORS FOR ANGIOGENESIS, VASCULOGENESIS, CARTILAGE FORMATION,
; FILE REFERENCE: 3021.05US02
; CURRENT APPLICATION NUMBER: US/10/360,849A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/354,978
; PRIOR FILING DATE: 2002-02-07
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 261
; TYPE: PRT
; ORGANISM: mus musculus
US-10-360-849A-15
```

```
Query Match          90.9%; Score 30; DB 9; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 LDASWL 6
Db      161 LDASWV 166
```

```
Query Match          90.9%; Score 30; DB 15; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 LDASWL 6
Db      161 LDASWV 166
```

```
RESULT 12
US-10-360-849A-18
; Sequence 18, Application US/10360849A
; Publication No. US20030220249A1
; GENERAL INFORMATION:
; APPLICANT: Discovery Genomics, Inc.
; APPLICANT: Hackett, Perry
; APPLICANT: Nasevicius, Aidas
; APPLICANT: Essner, Jeffrey
; APPLICANT: Clark, Karl
; APPLICANT: Larson, Jon
; APPLICANT: Ekker, Stephen
; APPLICANT: Roberg-Perez, Sharon
; APPLICANT: Wadman, Shannon
```

```

; TITLE OF INVENTION: FACTORS FOR ANGIOGENESIS, VASCULOGENESIS, CARTILAGE FORM
; FILE REFERENCE: BONE FORMATION, AND METHODS OF USE THEREOF
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 10/360,849A
; PRIOR FILING DATE: 2002-02-07
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 261
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-360-849A-18

Query Match          90.9%; Score 30; DB 15; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASWL 6
Db 161 LDASWV 166

RESULT 13
US-10-291-265-310
; Sequence 310, Application US/10291265
; Publication No. US20030232054A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; APPLICANT: Tang et al
; TITLE OF INVENTION: No. US20030232054A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 21272-017 (785)
; CURRENT APPLICATION NUMBER: US/10/291,265
; CURRENT FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/491,404
; PRIOR FILING DATE: 2000-01-25
; PRIOR APPLICATION NUMBER: 09/617,746
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 09/631,451
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 09/633,870
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 944
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 310
; LENGTH: 277
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-291-265-310

Query Match          90.9%; Score 30; DB 15; Length 277;
Best Local Similarity 83.3%; Pred. No. 1.4e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDASWL 6
Db 161 LDASWV 166

RESULT 14
US-10-282-122A-52265
; Sequence 52265, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John

```

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; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67777
; LENGTH: 686
; TYPE: PRT
; ORGANISM: Pseudomonas putida
; FEATURE:
; NAME/KEY: MISC FEATURE
; LOCATION: (40)..(40)
; OTHER INFORMATION: X=any amino acid
US-10-282-122A-67777

Query Match          90.9%; Score 30; DB 12; Length 686;
Best Local Similarity 83.3%; Pred. No. 3.1e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDASWL 6
Db      346 LDAAWL 351

```

Search completed: March 17, 2004, 18:45:28
Job time : 22.6711 secs

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	35	100.0	6	9	US-09-847-940B-11	Sequence 11, Appl
2	35	100.0	6	10	US-09-847-946A-11	Sequence 11, Appl
3	35	100.0	6	10	US-09-847-946A-42	Sequence 42, Appl
4	35	100.0	6	10	US-09-847-946A-84	Sequence 84, Appl
5	35	100.0	7	10	US-09-847-946A-88	Sequence 88, Appl
6	35	100.0	8	10	US-09-847-946A-81	Sequence 81, Appl
7	35	100.0	8	10	US-09-847-946A-89	Sequence 89, Appl
8	35	100.0	9	10	US-09-847-946A-80	Sequence 80, Appl
9	35	100.0	9	10	US-09-847-946A-83	Sequence 83, Appl
10	35	100.0	9	10	US-09-847-946A-86	Sequence 86, Appl
11	35	100.0	9	10	US-09-847-946A-87	Sequence 87, Appl
12	35	100.0	10	10	US-09-847-946A-82	Sequence 82, Appl
13	35	100.0	10	10	US-09-847-946A-85	Sequence 85, Appl
14	35	100.0	11	10	US-09-847-946A-79	Sequence 79, Appl
15	35	100.0	484	12	US-10-282-122A-49573	Sequence 49573, A

```

Query Match      100.0%; Score 35; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDFSWL 6
        |||||
Db      1 LDFSWL 6

RESULT 2
US-09-847-946A-11
; Sequence 11, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: Mayv. Michael J

```

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-11

Query Match 100.0%; Score 35; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWL 6
| | | | |
Db 1 LDFSWL 6

RESULT 3

US-09-847-946A-42
; Sequence 42, Application US/09847946A
; Publication No. US20030054999A1

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-42

Query Match 100.0%; Score 35; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWL 6
| | | | |
Db 1 LDFSWL 6

RESULT 4

US-09-847-946A-84
; Sequence 84, Application US/09847946A
; Publication No. US20030054999A1

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 84
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-84

Query Match 100.0%; Score 35; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWL 6
| | | | |
Db 1 LDFSWL 6

RESULT 5

US-09-847-946A-88
; Sequence 88, Application US/09847946A
; Publication No. US20030054999A1

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 88
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-88

Query Match 100.0%; Score 35; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWL 6
| | | | |
Db 1 LDFSWL 6

RESULT 6

```
US-09-847-946A-81
; Sequence 81, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 81
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-81

Query Match      100.0%; Score 35; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWSL 6
Db 3 LDFSWSL 8

RESULT 7
US-09-847-946A-89
; Sequence 89, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 89
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-89

Query Match      100.0%; Score 35; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWSL 6
Db 1 LDFSWSL 6

US-09-847-946A-80
; Sequence 80, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 80
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-80

Query Match      100.0%; Score 35; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWSL 6
Db 1 LDFSWSL 6

RESULT 9
US-09-847-946A-83
; Sequence 83, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 83
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-83

Query Match      100.0%; Score 35; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFSWSL 6
Db 1 LDFSWSL 6
```

Qy 1 LDFS WL 6
 |||||
 Db 1 LDFS WL 6

RESULT 10

US-09-847-946A-86
 ; Sequence 86, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 86
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-86

Query Match 100.0%; Score 35; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.4e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFS WL 6
 |||||
 Db 3 LDFS WL 8

RESULT 11

US-09-847-946A-87
 ; Sequence 87, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 87
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-87

Query Match 100.0%; Score 35; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.4e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFS WL 6
 |||||
 Db 2 LDFS WL 7

RESULT 12

US-09-847-946A-82
 ; Sequence 82, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 82
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-82

Query Match 100.0%; Score 35; DB 10; Length 10;
 Best Local Similarity 100.0%; Pred. No. 14;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFS WL 6
 |||||
 Db 2 LDFS WL 7

RESULT 13

US-09-847-946A-85
 ; Sequence 85, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 85
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-85

US-09-847-946A-85

Query Match 100.0%; Score 35; DB 10; Length 10;
 Best Local Similarity 100.0%; Pred. No. 14;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFS WL 6
 Db 3 LDFS WL 8

RESULT 14

US-09-847-946A-79

; Sequence 79, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Finkelstein, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PFI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 79
 ; LENGTH: 11
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-79

Query Match 100.0%; Score 35; DB 10; Length 11;
 Best Local Similarity 100.0%; Pred. No. 15;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFS WL 6
 Db 3 LDFS WL 8

RESULT 15

US-10-282-122A-49573

; Sequence 49573, Application US/10282122A
 ; Publication No. US20040029129A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Liangsu
 ; APPLICANT: Zamudio, Carlos
 ; APPLICANT: Malone, Cheryl
 ; APPLICANT: Haselbeck, Robert
 ; APPLICANT: Ohlsen, Kari
 ; APPLICANT: Zyskind, Judith
 ; APPLICANT: Wall, Daniel
 ; APPLICANT: Trawick, John
 ; APPLICANT: Carr, Grant
 ; APPLICANT: Yamamoto, Robert
 ; APPLICANT: Forsyth, R.
 ; APPLICANT: Xu, H.
 ; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
 ; FILE REFERENCE: ELTRA-034A
 ; CURRENT APPLICATION NUMBER: US/10/282,122A
 ; CURRENT FILING DATE: 2003-02-20
 ; PRIOR APPLICATION NUMBER: 60/191,078
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: 60/206,848

; PRIOR FILING DATE: 2000-05-23
 ; PRIOR APPLICATION NUMBER: 60/207,727
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: 60/230,335
 ; PRIOR FILING DATE: 2000-09-06
 ; PRIOR APPLICATION NUMBER: 60/230,347
 ; PRIOR FILING DATE: 2000-09-09
 ; PRIOR APPLICATION NUMBER: 60/242,578
 ; PRIOR FILING DATE: 2000-10-23
 ; PRIOR APPLICATION NUMBER: 60/253,625
 ; PRIOR FILING DATE: 2000-11-27
 ; PRIOR APPLICATION NUMBER: 60/257,931
 ; PRIOR FILING DATE: 2000-12-22
 ; PRIOR APPLICATION NUMBER: 60/267,636
 ; PRIOR FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: 60/269,308
 ; PRIOR FILING DATE: 2001-02-16
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 78614
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 49573
 ; LENGTH: 484
 ; TYPE: PRT
 ; ORGANISM: Burkholderia fungorum
 US-10-282-122A-49573

Query Match 100.0%; Score 35; DB 12; Length 484;
 Best Local Similarity 100.0%; Pred. No. 3,8e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDFS WL 6
 Db 383 LDFS WL 388

Search completed: March 17, 2004, 18:45:29
 Job time : 22.6711 secs

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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-12

Perfect score: 36

Sequence: 1 LDYSWL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 segs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_AA*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	36	100.0	6	9	US-09-847-940B-12
2	36	100.0	6	10	US-09-847-946A-12
3	36	100.0	6	10	US-09-847-946A-95
4	36	100.0	7	10	US-09-847-946A-99
5	36	100.0	8	10	US-09-847-946A-92
6	36	100.0	8	10	US-09-847-946A-100
7	36	100.0	9	10	US-09-847-946A-91
8	36	100.0	9	10	US-09-847-946A-94
9	36	100.0	9	10	US-09-847-946A-97
10	36	100.0	9	10	US-09-847-946A-98
11	36	100.0	10	10	US-09-847-946A-93
12	36	100.0	10	10	US-09-847-946A-96
13	36	100.0	11	10	US-09-847-946A-90
14	33	91.7	73	15	US-10-074-978A-310
15	33	91.7	139	12	US-10-424-599-261463

16	33	91.7	314	15	US-10-074-978A-66	Sequence 66, Appl
17	33	91.7	320	15	US-10-074-978A-68	Sequence 68, Appl
18	33	91.7	404	14	US-10-225-567A-480	Sequence 480, Appl
19	33	91.7	404	15	US-10-074-978A-64	Sequence 64, Appl
20	33	91.7	404	15	US-10-074-978A-304	Sequence 304, Appl
21	32	88.9	6	9	US-09-847-940B-11	Sequence 11, Appl
22	32	88.9	6	10	US-09-847-946A-11	Sequence 11, Appl
23	32	88.9	6	10	US-09-847-946A-42	Sequence 42, Appl
24	32	88.9	6	10	US-09-847-946A-84	Sequence 84, Appl
25	32	88.9	7	10	US-09-847-946A-88	Sequence 88, Appl
26	32	88.9	8	10	US-09-847-946A-81	Sequence 81, Appl
27	32	88.9	8	10	US-09-847-946A-89	Sequence 89, Appl
28	32	88.9	9	10	US-09-847-946A-80	Sequence 80, Appl
29	32	88.9	9	10	US-09-847-946A-83	Sequence 83, Appl
30	32	88.9	9	10	US-09-847-946A-86	Sequence 86, Appl
31	32	88.9	9	10	US-09-847-946A-87	Sequence 87, Appl
32	32	88.9	10	10	US-09-847-946A-82	Sequence 82, Appl
33	32	88.9	10	10	US-09-847-946A-85	Sequence 85, Appl
34	32	88.9	11	10	US-09-847-946A-79	Sequence 79, Appl
35	32	88.9	69	9	US-09-864-761-36612	Sequence 36612, A
36	32	88.9	71	10	US-09-969-730-172	Sequence 172, Appl
37	32	88.9	71	16	US-10-621-363-172	Sequence 171, Appl
38	32	88.9	72	10	US-09-774-639-171	Sequence 171, Appl
39	32	88.9	168	12	US-10-424-599-270766	Sequence 270766
40	32	88.9	169	12	US-10-424-599-193422	Sequence 193422
41	32	88.9	278	14	US-10-220-511-11	Sequence 11, Appl
42	32	88.9	403	12	US-10-424-599-170818	Sequence 170818
43	32	88.9	404	14	US-10-307-294-8	Sequence 8, Appl
44	32	88.9	484	12	US-10-282-122A-49573	Sequence 49573, A
45	32	88.9	547	15	US-10-369-493-11197	Sequence 11197, A

ALIGNMENTS

RESULT 1
US-09-847-940B-12
; Sequence 12, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-12

Query Match 100.0%; Score 36; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDYSWL 6
|||||
Db 1 LDYSWL 6

RESULT 2
US-09-847-946A-12
; Sequence 12, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

```

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-12

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Query Match 100.0%; Score 36; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy 1 LDYSWL 6
| | | | |
Db 1 LDYSWL 6

```

```

RESULT 3
US-09-847-946A-95
; Sequence 95, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 95
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-95

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Query Match 100.0%; Score 36; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy 1 LDYSWL 6
| | | | |
Db 1 LDYSWL 6

```

```

RESULT 4
US-09-847-946A-99
; Sequence 99, Application US/09847946A
; Publication No. US20030054999A1

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```

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 99
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-99

```

```

Query Match 100.0%; Score 36; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1 LDYSWL 6
| | | | |
Db 1 LDYSWL 6

```

```

RESULT 5
US-09-847-946A-92
; Sequence 92, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 92
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
US-09-847-946A-92

```

```

Query Match 100.0%; Score 36; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 1 LDYSWL 6
| | | | |
Db 3 LDYSWL 8

```

RESULT 6

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US-09-847-946A-100
; Sequence 100, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-100

Query Match      100.0%; Score 36; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDYSWL 6
Db      1 LDYSWL 6

RESULT 7
US-09-847-946A-91
; Sequence 91, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 91
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-91

Query Match      100.0%; Score 36; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDYSWL 6
Db      1 LDYSWL 6

US-09-847-946A-94
; Sequence 94, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 94
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-94

Query Match      100.0%; Score 36; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDYSWL 6
Db      1 LDYSWL 6

RESULT 9
US-09-847-946A-97
; Sequence 97, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 97
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-97

Query Match      100.0%; Score 36; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDYSWL 6
Db      1 LDYSWL 6
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Qy 1 LDYSWL 6
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 Db 3 LDYSWL 8

RESULT 10

US-09-847-946A-98
 ; Sequence 98, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 98
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-98

Query Match 100.0%; Score 36; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.4e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDYSWL 6
 |||||
 Db 2 LDYSWL 7

RESULT 11

US-09-847-946A-93
 ; Sequence 93, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 93
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-93

Query Match 100.0%; Score 36; DB 10; Length 10;

Best Local Similarity 100.0%; Pred. No. 11;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDYSWL 6
 |||||
 Db 2 LDYSWL 7

RESULT 12

US-09-847-946A-96
 ; Sequence 96, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 96
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-96

Query Match 100.0%; Score 36; DB 10; Length 10;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDYSWL 6
 |||||
 Db 3 LDYSWL 8

RESULT 13

US-09-847-946A-90
 ; Sequence 90, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 90
 ; LENGTH: 11
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-90

US-09-847-946A-90

Query Match 100.0%; Score 36; DB 10; Length 11;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDYSWL 6
 Db 3 LDYSWL 8
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RESULT 14

US-10-074-978A-310
 ; Sequence 310, Application US/10074978A
 ; Publication No. US20040010119A1

GENERAL INFORMATION:

APPLICANT: Leite, Mario
 APPLICANT: Spytek, Kimberly A
 APPLICANT: Guo, Xiaojia (Sasha)
 APPLICANT: Fernandes, Elma
 APPLICANT: Li, Li
 APPLICANT: Kekuda, Ramesh
 APPLICANT: Liu, Xiaohong
 APPLICANT: Casman, Stacie
 APPLICANT: Boldog, Ferenc
 APPLICANT: Patturajan, Meera
 APPLICANT: Bialock, Angela
 APPLICANT: Ballinger, Robert
 APPLICANT: Vernet, Corine
 APPLICANT: Tchernev, Velizar T
 APPLICANT: Malyankar, Uriel M
 APPLICANT: Rastelli, Luca
 APPLICANT: Mezes, Peter S
 APPLICANT: Ellerman, Karen
 APPLICANT: Heyes, Melvin P
 APPLICANT: Herrman, John
 APPLICANT: Pena, Carol E A
 APPLICANT: Shimkets, Richard A
 APPLICANT: Taupier Jr, Raymond J
 APPLICANT: Moore, No. US20040010119A1lle
 APPLICANT: Shenoy, Suresh
 APPLICANT: Edinger, Shlomit
 APPLICANT: Gunther, Erik
 APPLICANT: Stone, Dave
 APPLICANT: Millet, Isabelle
 APPLICANT: Peyman, John
 APPLICANT: Smithson, Glenna

TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

FILE REFERENCE: 21402-269

CURRENT APPLICATION NUMBER: US/10/074,978A

CURRENT FILING DATE: 2003-01-07

PRIOR APPLICATION NUMBER: 60/268,221

PRIOR FILING DATE: 2001-02-12

PRIOR APPLICATION NUMBER: 60/335,109

PRIOR FILING DATE: 2001-10-31

PRIOR APPLICATION NUMBER: 60/312,284

PRIOR FILING DATE: 2001-08-14

PRIOR APPLICATION NUMBER: 60/268,496

PRIOR FILING DATE: 2001-02-13

PRIOR APPLICATION NUMBER: 60/276,703

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/330,293

PRIOR FILING DATE: 2001-10-18

PRIOR APPLICATION NUMBER: 60/322,127

PRIOR FILING DATE: 2001-11-21

PRIOR APPLICATION NUMBER: 60/280,899

PRIOR FILING DATE: 2001-04-02

PRIOR APPLICATION NUMBER: 60/310,797

PRIOR FILING DATE: 2001-08-08

PRIOR APPLICATION NUMBER: 60/268,646

PRIOR FILING DATE: 2001-02-14

Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 547
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 310
 ; LENGTH: 73
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-074-978A-310

Query Match 91.7%; Score 33; DB 15; Length 73;
 Best Local Similarity 83.3%; Pred. No. 1.8e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDYSWL 6
 Db 46 LDYTWL 51
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RESULT 15

US-10-424-599-261463
 ; Sequence 261463, Application US/10424599
 ; Publication No. US20040031072A1

GENERAL INFORMATION:

APPLICANT: La Rosa Thomas J
 APPLICANT: Kovalic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
 TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 261463
 LENGTH: 139
 TYPE: PRT
 ORGANISM: Glycine max
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1)..(139)
 OTHER INFORMATION: unsure at all Xaa locations
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_78123C.1.pep
 US-10-424-599-261463

Query Match 91.7%; Score 33; DB 12; Length 139;
 Best Local Similarity 83.3%; Pred. No. 3.2e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDYSWL 6
 Db 99 LDYTWL 104
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Search completed: March 17, 2004, 18:45:29
 Job time : 21.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-13
Perfect score: 33
Sequence: 1 LDWSAL 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

- Database : Published Applications AA.*
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 - 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
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 - 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
 - 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
 - 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
 - 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
 - 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
 - 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
 - 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
 - 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
 - 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
 - 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	33	100.0	6	9	US-09-847-940B-13
2	33	100.0	6	10	US-09-847-946A-13
3	33	100.0	451	12	US-10-282-122A-48001
4	31	93.9	53	14	US-10-148-786A-25
5	31	93.9	77	14	US-10-148-786A-8
6	31	93.9	333	15	US-10-369-493-2852
7	31	93.9	334	15	US-10-217-574-18
8	31	93.9	334	15	US-10-217-555-18
9	31	93.9	502	9	US-09-895-072-13
10	31	93.9	502	9	US-09-986-352-13
11	31	93.9	502	14	US-10-023-888-16
12	31	93.9	502	14	US-10-023-889-16
13	31	93.9	502	14	US-10-023-890-16
14	31	93.9	502	14	US-10-024-197-16
15	31	93.9	502	14	US-10-023-894-16

16	31	93.9	502	14	US-10-306-686-13	Sequence 13, Appl
17	31	93.9	652	15	US-10-120-801-91	Sequence 91, Appl
18	31	93.9	984	13	US-10-029-905-10	Sequence 10, Appl
19	31	93.9	984	14	US-10-354-358-106	Sequence 106, App
20	31	93.9	1394	15	US-10-369-493-22353	Sequence 22353, A
21	30	90.9	138	14	US-10-029-386-34138	Sequence 34138, A
22	30	90.9	191	12	US-10-424-599-158546	Sequence 158546, A
23	30	90.9	208	15	US-10-369-493-23401	Sequence 23401, A
24	30	90.9	368	12	US-10-282-122A-49942	Sequence 49942, A
25	30	90.9	403	14	US-10-156-761-14428	Sequence 14428, A
26	30	90.9	476	15	US-10-310-154-397	Sequence 397, App
27	30	90.9	516	13	US-10-119-635-2	Sequence 2, Appli
28	30	90.9	1293	15	US-10-084-846A-50	Sequence 50, Appl
29	30	90.9	2747	15	US-10-402-842-2	Sequence 4, Appli
30	30	90.9	19725	15	US-10-084-846A-4	Sequence 3024, Ap
31	29	87.9	175	15	US-10-320-797-3024	Sequence 70395, A
32	29	87.9	195	12	US-10-425-114-70395	Sequence 53792, A
33	29	87.9	203	12	US-10-425-114-53792	Sequence 4, Appli
34	29	87.9	203	14	US-10-262-473-4	Sequence 2, Appli
35	29	87.9	223	14	US-10-262-473-2	Sequence 195787,
36	29	87.9	226	12	US-10-424-599-195787	Sequence 16, Appl
37	29	87.9	228	15	US-10-084-846A-16	Sequence 59435, A
38	29	87.9	250	12	US-10-425-114-59435	Sequence 51101, A
39	29	87.9	255	12	US-10-282-122A-51101	Sequence 14290, A
40	29	87.9	267	14	US-10-156-761-14290	Sequence 301, App
41	29	87.9	292	14	US-10-238-075-301	Sequence 30, Appl
42	29	87.9	297	10	US-09-557-796-30	Sequence 77504, A
43	29	87.9	299	12	US-10-282-122A-77504	Sequence 11, Appl
44	29	87.9	300	14	US-10-314-657-11	Sequence 196993,
45	29	87.9	306	12	US-10-424-599-196993	

ALIGNMENTS

RESULT 1

US-09-847-940B-13
; Sequence 13, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 13
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-13

Query Match 100.0%; Score 33; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSAL 6
| | | | |
Db 1 LDWSAL 6

RESULT 2

US-09-847-946A-13
; Sequence 13, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

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; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-13

Query Match      100.0%; Score 33; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
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Db      1 LDWSAL 6

RESULT 3
US-10-282-122A-48001
; Sequence 48001, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELTRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48001
; LENGTH: 451
; TYPE: PRT
; ORGANISM: Burkholderia cepacia
US-10-282-122A-48001

Query Match      100.0%; Score 33; DB 12; Length 451;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
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Db      78 LDWSAL 83

RESULT 4
US-10-148-786A-25
; Sequence 25, Application US/10148786A
; Publication No. US20030143656A1
; GENERAL INFORMATION:
; APPLICANT: Alessi, Dario
; APPLICANT: Biondi, Richardo
; TITLE OF INVENTION: Protein Kinase Regulation
; FILE REFERENCE: 002.00210
; CURRENT APPLICATION NUMBER: US/10/148,786A
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Polypeptide
US-10-148-786A-25

Query Match      93.9%; Score 31; DB 14; Length 53;
Best Local Similarity 83.3%; Pred. No. 2.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
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Db      12 IDWSAL 17

RESULT 5
US-10-148-786A-8
; Sequence 8, Application US/10148786A
; Publication No. US20030143656A1
; GENERAL INFORMATION:
; APPLICANT: Alessi, Dario
; APPLICANT: Biondi, Richardo
; TITLE OF INVENTION: Protein Kinase Regulation
; FILE REFERENCE: 002.00210
; CURRENT APPLICATION NUMBER: US/10/148,786A
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 77
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Polypeptide
US-10-148-786A-8

Query Match      93.9%; Score 31; DB 14; Length 77;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
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Db          12 IDWSAL 17

RESULT 6
US-10-369-493-2852
; Sequence 2852, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 2852
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Synechocystis sp.
US-10-369-493-2852

Query Match          93.9%; Score 31; DB 15; Length 333;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy          1 LDWSAL 6
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Db          146 MDWSAL 151

RESULT 7
US-10-217-574-18
; Sequence 18, Application US/10217574
; Publication No. US20040005687A1
; GENERAL INFORMATION:
; APPLICANT: Barford, David
; APPLICANT: Yang, Jing
; APPLICANT: Hemmings, Brian A
; APPLICANT: Cron, Peter D
; TITLE OF INVENTION: Kinase Crystal Structures
; FILE REFERENCE: 44237
; CURRENT APPLICATION NUMBER: US/10/217,574
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: GB 0119860.5
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: GB 0209985.1
; PRIOR FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: GB 0216215.4
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 334
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Sequence source
; OTHER INFORMATION: uncertain
US-10-217-574-18

Query Match          93.9%; Score 31; DB 15; Length 334;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy          1 LDWSAL 6
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Db          146 MDWSAL 151

RESULT 8
US-10-217-555-18
; Sequence 18, Application US/10217555
; Publication No. US20040009569A1
; GENERAL INFORMATION:
; APPLICANT: Barford, David
; APPLICANT: Yang, Jing
; APPLICANT: Hemmings, Brian A
; APPLICANT: Cron, Peter D
; TITLE OF INVENTION: Kinase Crystal Structures and Materials and Methods for
; TITLE OF INVENTION: Kinase Activation
; FILE REFERENCE: 44236
; CURRENT APPLICATION NUMBER: US/10/217,555
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: GB 0119860.5
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: GB 0209985.1
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 334
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Sequence source
; OTHER INFORMATION: uncertain
US-10-217-555-18

Query Match          93.9%; Score 31; DB 15; Length 334;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy          1 LDWSAL 6
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Db          269 IDWSAL 274

RESULT 9
US-09-895-072-13
; Sequence 13, Application US/09895072
; Patent No. US2002002550A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, WILLIAM M
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 210119US0CONT
; CURRENT APPLICATION NUMBER: US/09/895,072
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; PRIOR APPLICATION NUMBER: US 09/635,872
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-895-072-13

Query Match          93.9%; Score 31; DB 9; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db          372 LDWSAM 377

RESULT 10
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Db          269 IDWSAL 274

RESULT 8
US-10-217-555-18
; Sequence 18, Application US/10217555
; Publication No. US20040009569A1
; GENERAL INFORMATION:
; APPLICANT: Barford, David
; APPLICANT: Yang, Jing
; APPLICANT: Hemmings, Brian A
; APPLICANT: Cron, Peter D
; TITLE OF INVENTION: Kinase Crystal Structures and Materials and Methods for
; TITLE OF INVENTION: Kinase Activation
; FILE REFERENCE: 44236
; CURRENT APPLICATION NUMBER: US/10/217,555
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: GB 0119860.5
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: GB 0209985.1
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 334
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Sequence source
; OTHER INFORMATION: uncertain
US-10-217-555-18

Query Match          93.9%; Score 31; DB 15; Length 334;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy          1 LDWSAL 6
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Db          269 IDWSAL 274

RESULT 9
US-09-895-072-13
; Sequence 13, Application US/09895072
; Patent No. US2002002550A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, WILLIAM M
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 210119US0CONT
; CURRENT APPLICATION NUMBER: US/09/895,072
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; PRIOR APPLICATION NUMBER: US 09/635,872
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-895-072-13

Query Match          93.9%; Score 31; DB 9; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy          1 LDWSAL 6
          :|||||
Db          372 LDWSAM 377

RESULT 10
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US-09-986-552-13
; Sequence 13, Application US/09986552
; Patent No. US20020150981A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 215089US77DIV
; CURRENT APPLICATION NUMBER: US/09/986,552
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 09/635,872
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-986-552-13

Query Match          93.9%; Score 31; DB 9; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 11
US-10-023-888-16
; Sequence 16, Application US/10023888
; Publication No. US20030119088A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: SOLUBLE GLCNAC PHOSPHOTRANSFERASE
; FILE REFERENCE: 203515US77
; CURRENT APPLICATION NUMBER: US/10/023,888
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-023-888-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 12
US-10-023-889-16
; Sequence 16, Application US/10023889
; Publication No. US20030124652A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHODS OF PRODUCING HIGH MANNOSE GLYCOPROTEINS IN COMPLEX CARBOH
; FILE REFERENCE: 203512US77
; CURRENT APPLICATION NUMBER: US/10/023,889
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-023-889-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 13
US-10-023-890-16
; Sequence 16, Application US/10023890
; Publication No. US20030124653A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHOD OF PRODUCING GLYCOPROTEINS HAVING REDUCED COMPLEX CARBOHYD
; FILE REFERENCE: 203510US77
; CURRENT APPLICATION NUMBER: US/10/023,890
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-023-890-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 14
US-10-024-197-16
; Sequence 16, Application US/10024197
; Publication No. US20030133924A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: HIGHLY PHOSPHORYLATED ACID BETA-GLUCOCEREBROSIDASE AND METHODS O
; FILE REFERENCE: 209794US0
; CURRENT APPLICATION NUMBER: US/10/024,197
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-024-197-16

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Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 15
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; Sequence 16, Application US/10023894
; Publication No. US20030143669A1
; GENERAL INFORMATION:
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; ORGANISM: Drosophila melanogaster
US-10-023-889-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 13
US-10-023-890-16
; Sequence 16, Application US/10023890
; Publication No. US20030124653A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHOD OF PRODUCING GLYCOPROTEINS HAVING REDUCED COMPLEX CARBOHYD
; FILE REFERENCE: 203510US77
; CURRENT APPLICATION NUMBER: US/10/023,890
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-023-890-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 14
US-10-024-197-16
; Sequence 16, Application US/10024197
; Publication No. US20030133924A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: HIGHLY PHOSPHORYLATED ACID BETA-GLUCOCEREBROSIDASE AND METHODS O
; FILE REFERENCE: 209794US0
; CURRENT APPLICATION NUMBER: US/10/024,197
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-024-197-16

Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSAL 6
Db      372 LDWSAM 377

RESULT 15
US-10-023-894-16
; Sequence 16, Application US/10023894
; Publication No. US20030143669A1
; GENERAL INFORMATION:
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; APPLICANT: CANFIELD, William
; APPLICANT: KORNFIELD, Stuart
; TITLE OF INVENTION: EXPRESSION OF LYSOSOMAL HYDROLASE IN CELLS EXPRESSING PRO-N-
; TITLE OF INVENTION: ACETYLGLUCOSAMINE-1-PHOSPHODIESTER ALPHA-N-ACETYL GLUCOSIMANIDASE
; FILE REFERENCE: 217139US77
; CURRENT APPLICATION NUMBER: US/10/023,894
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 502
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-023-894-16

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Query Match          93.9%; Score 31; DB 14; Length 502;
Best Local Similarity 83.3%; Pred. No. 1.7e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 LDWSAL 6
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Db      372 LDWSAM 377

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Job time : 22.6711 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-14

Perfect score: 35

Sequence: 1 LDWSFL 6

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Published Applications AA:*

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- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW PUB.pep.*
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- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	35	100.0	6	9 US-09-847-940B-14	Sequence 14, Appl
2	35	100.0	6	10 US-09-847-946A-14	Sequence 14, Appl
3	33	94.3	218	10 US-09-863-776-50	Sequence 50, Appl
4	33	94.3	218	11 US-09-981-151A-91	Sequence 91, Appl
5	33	94.3	218	12 US-10-072-012-859	Sequence 859, App
6	33	94.3	218	14 US-10-032-189-107	Sequence 107, App
7	33	94.3	827	15 US-10-347-470A-26	Sequence 26, Appl
8	32	91.4	6	9 US-09-847-940B-15	Sequence 15, Appl
9	32	91.4	6	10 US-09-847-946A-15	Sequence 15, Appl
10	32	91.4	46	12 US-10-424-599-164997	Sequence 164997,
11	32	91.4	56	9 US-09-764-877-1782	Sequence 1782, Ap
12	32	91.4	56	15 US-10-242-515-1782	Sequence 1782, Ap
13	32	91.4	134	12 US-10-424-599-279686	Sequence 279686,
14	32	91.4	743	15 US-10-104-047-2340	Sequence 2340, Ap
15	31	88.6	60	12 US-10-424-599-217549	Sequence 217549,

16	16	88.6	81	12	US-10-424-599-255178	Sequence 255178,
17	31	88.6	124	9	US-09-925-302-460	Sequence 460, App
18	31	88.6	147	12	US-10-425-114-72069	Sequence 72069, A
19	31	88.6	147	12	US-10-425-114-72070	Sequence 72070, A
20	31	88.6	157	9	US-09-738-626-4783	Sequence 4783, Ap
21	31	88.6	184	14	US-10-078-770-86	Sequence 86, Appl
22	31	88.6	238	14	US-10-078-770-96	Sequence 96, Appl
23	31	88.6	264	14	US-10-097-111-300	Sequence 300, App
24	31	88.6	273	12	US-10-425-114-53924	Sequence 53924, A
25	31	88.6	282	12	US-10-425-114-48772	Sequence 48772, A
26	31	88.6	305	14	US-10-078-770-90	Sequence 90, Appl
27	31	88.6	317	14	US-10-032-189-32	Sequence 32, Appl
28	31	88.6	326	12	US-10-424-599-269951	Sequence 269951,
29	31	88.6	358	15	US-10-438-537-4	Sequence 4, Appl1
30	31	88.6	358	15	US-10-295-027-1228	Sequence 1228, Ap
31	31	88.6	413	14	US-10-032-189-106	Sequence 106, App
32	31	88.6	416	14	US-10-032-189-105	Sequence 105, App
33	31	88.6	417	14	US-10-032-189-104	Sequence 104, App
34	31	88.6	433	10	US-09-863-776-48	Sequence 48, Appl
35	31	88.6	435	14	US-10-032-189-102	Sequence 102, App
36	31	88.6	435	14	US-10-032-189-103	Sequence 103, App
37	31	88.6	515	15	US-10-108-260A-3041	Sequence 3041, Ap
38	31	88.6	1025	14	US-10-195-144-7	Sequence 7, Appl1
39	31	88.6	1025	15	US-10-345-072-7	Sequence 7, Appl1
40	31	88.6	1285	15	US-10-369-493-12354	Sequence 12354, A
41	30	85.7	6	9	US-09-847-940B-2	Sequence 2, Appl1
42	30	85.7	6	10	US-09-847-946A-2	Sequence 2, Appl1
43	30	85.7	6	10	US-09-847-946A-33	Sequence 33, Appl
44	30	85.7	7	10	US-09-847-946A-37	Sequence 37, Appl
45	30	85.7	8	10	US-09-847-946A-30	Sequence 30, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-14
; Sequence 14, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-14

Query Match 100.0%; Score 35; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWSFL 6
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Db 1 LDWSFL 6

RESULT 2
US-09-847-946A-14
; Sequence 14, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 14

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: NBD peptide

US-09-847-946A-14

Query Match 100.0%; Score 35; DB 10; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.4e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSFL 6

Db 1 LDWSFL 6

RESULT 3

US-09-863-776-50

; Sequence 50, Application US/09863776

; Publication No. US20030198953A1

; GENERAL INFORMATION:

; APPLICANT: Spytek, Kimberly A

; APPLICANT: Majumder, Kumud

; APPLICANT: Tchernev, Velizar T

; APPLICANT: Mishra, Vishnu

; APPLICANT: Padigaru, Muralidhara

; APPLICANT: Spaderna, Steven K

; APPLICANT: Shenoy, Suresh G

; APPLICANT: Rastelli, Luca

; APPLICANT: Li, Li

; APPLICANT: Taupier, Raymond J

; APPLICANT: Gangolli, Esha

; TITLE OF INVENTION: NO. US20030198953A1el Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-020

; CURRENT APPLICATION NUMBER: US/09/863,776

; CURRENT FILING DATE: 2001-05-23

; PRIOR APPLICATION NUMBER: 09/540,763

; PRIOR FILING DATE: 2000-03-30

; PRIOR APPLICATION NUMBER: 60/206,679

; PRIOR FILING DATE: 2000-05-24

; PRIOR APPLICATION NUMBER: 60/206,688

; PRIOR FILING DATE: 2000-05-24

; PRIOR APPLICATION NUMBER: 60/206,829

; PRIOR FILING DATE: 2000-05-24

; PRIOR APPLICATION NUMBER: 60/207,748

; PRIOR FILING DATE: 2000-05-30

; PRIOR APPLICATION NUMBER: 60/207,798

; PRIOR FILING DATE: 2000-05-30

; PRIOR APPLICATION NUMBER: 60/208,263

; PRIOR FILING DATE: 2000-05-31

; PRIOR APPLICATION NUMBER: 60/208,831

; PRIOR FILING DATE: 2000-06-02

; PRIOR APPLICATION NUMBER: 60/209,451

; PRIOR FILING DATE: 2000-06-05

; PRIOR APPLICATION NUMBER: 60/210,060

; PRIOR FILING DATE: 2000-06-07

; PRIOR APPLICATION NUMBER: 60/219,507

; PRIOR FILING DATE: 2000-07-20

; PRIOR APPLICATION NUMBER: 60/221,337
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/221,927
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/263,135
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,688
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/263,694
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 155

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 50

; LENGTH: 218

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Connexin

; OTHER INFORMATION: Consensus Sequence

US-09-863-776-50

Query Match 94.3%; Score 33; DB 10; Length 218;

Best Local Similarity 83.3%; Pred. No. 5.1e+02;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSFL 6

Db 1 MDWSFL 6

RESULT 4

US-09-981-151A-91

; Sequence 91, Application US/09981151A

; Publication No. US20030212256A1

; GENERAL INFORMATION:

; APPLICANT: Edinger, Shlomit R

; APPLICANT: Gerlach, Valerie

; APPLICANT: MacDougall, John R

; APPLICANT: Malyankar, Muriel M

; APPLICANT: Smithson, Glenda

; APPLICANT: Millet, Isabelle

; APPLICANT: Peyman, John A

; APPLICANT: Stone, David J

; APPLICANT: Gunther, Erik

; APPLICANT: Ellerman, Karen

; APPLICANT: Shimkets, Richard A

; APPLICANT: Padigaru, Muralidhara

; APPLICANT: Guo, Xiaojia

; APPLICANT: Patturajan, Meera

; APPLICANT: Taupier Jr, Raymond J

; APPLICANT: Burgess, Catherine E

; APPLICANT: Zerhusen, Bryan D

; APPLICANT: Kekuda, Ramesh

; APPLICANT: Spytek, Kimberly A

; APPLICANT: Gangolli, Esha A

; APPLICANT: Fernandes, Elma R

; APPLICANT: Gorman, Linda

; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-188

; CURRENT APPLICATION NUMBER: US/09/981,151A

; CURRENT FILING DATE: 2001-10-16

; PRIOR APPLICATION NUMBER: 60/241,040

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/241,058

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/241,063

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/241,243

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/242,152

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/242,482

; PRIOR FILING DATE: 2000-10-23

; PRIOR APPLICATION NUMBER: 60/242,611
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/242,612
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/242,880
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/242,881
; PRIOR FILING DATE: 2000-10-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 91
; LENGTH: 218
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Connexin
; OTHER INFORMATION: Consensus Sequence
US-09-981-151A-91

Query Match 94.3%; Score 33; DB 11; Length 218;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MDWSFL 6

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; Sequence 859, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zernhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Fena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072.012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02

; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
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; LENGTH: 218
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Connexin
; OTHER INFORMATION: Consensus Sequence
US-10-072-012-859

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Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MDWSFL 6

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US-10-032-189-107
; Sequence 107, Application US/10032189
; Publication No. US20030170630A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John P
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zernhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Grosse, William M
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgess, Catherine E
; APPLICANT: Shimkets, Richard A
; APPLICANT: Grosse, William M
; APPLICANT: Szekeres, Edward S
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie J
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Gorman, Linda
; APPLICANT: Gangolli, Esha A
; APPLICANT: Fernandes, Elma R
; APPLICANT: Rieger, Daniel K
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Gunther, Erik
; APPLICANT: Millet, Isabelle
; APPLICANT: Sciore, Paul
; APPLICANT: Ellerman, Karen
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glennda
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-228
; CURRENT APPLICATION NUMBER: US/10/032.189
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/257,495
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/258,171
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 60/269,940
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/274,192
; PRIOR FILING DATE: 2001-03-08

; PRIOR APPLICATION NUMBER: 60/277,826
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/279,840
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/282,981
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 60/283,656
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/309,247
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/311,754
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/313,331
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 218
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Connexin
; OTHER INFORMATION: Consensus Sequence
US-10-032-189-107

Query Match 94.3%; Score 33; DB 14; Length 218;
Best Local Similarity 83.3%; Pred. No. 5.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSFL 6
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Db 1 MDWSFL 6

RESULT 7
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; Sequence 26, Application US/10347470A
; Publication No. US20040002054A1
; GENERAL INFORMATION:
; APPLICANT: Horvitz, H. Robert
; APPLICANT: Hwang, Ho Yon
; TITLE OF INVENTION: SQV NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 01997/542003
; CURRENT APPLICATION NUMBER: US/10/347,470A
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: US 60/349,630
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/390,930
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 827
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-10-347-470A-26

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Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 370 LDWSFI 375

RESULT 8
US-09-847-940B-15
; Sequence 15, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NBD mutants
US-09-847-940B-15

Query Match 91.4%; Score 32; DB 9; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSFL 6
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Db 1 LDWSYL 6

RESULT 9
US-09-847-946A-15
; Sequence 15, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NBD peptide
US-09-847-946A-15

Query Match 91.4%; Score 32; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 1 LDWSYL 6

RESULT 10
US-10-424-599-164997
; Sequence 164997, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement


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; Sequence 2340, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2340
; LENGTH: 743
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-2340
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Best Local Similarity 83.3%; Pred. No. 2.1e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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; Sequence 217549, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 217549
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_38474C.1.pap
US-10-424-599-217549
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Qy 2 DWSFL 6
Db 35 DWSFL 39
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Search completed: March 17, 2004, 18:45:30
Job time : 21.6711 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-15

Perfect score: 36

Sequence: 1 LDWSYL 6

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Total number of hits satisfying chosen parameters: 1045404

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Published Applications AA:*

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- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	36	100.0	6	10 US-09-847-946A-15	Sequence 15, Appl
3	36	100.0	46	12 US-10-424-599-164997	Sequence 164997,
4	34	94.4	98	12 US-10-282-122A-42628	Sequence 42628, A
5	34	94.4	98	14 US-10-287-274-432	Sequence 432, App
6	33	91.7	79	12 US-10-282-122A-68458	Sequence 68458, A
7	32	88.9	6	9 US-09-847-940B-14	Sequence 14, Appl
8	32	88.9	6	10 US-09-847-946A-14	Sequence 14, Appl
9	32	88.9	27	10 US-09-974-879-385	Sequence 385, App
10	32	88.9	27	10 US-09-305-736-385	Sequence 385, App
11	32	88.9	27	11 US-09-818-683-385	Sequence 385, App
12	32	88.9	27	12 US-10-621-401-385	Sequence 385, App
13	32	88.9	274	12 US-10-425-114-67523	Sequence 67523, A
14	32	88.9	297	12 US-10-425-114-66684	Sequence 66684, A
15	32	88.9	351	12 US-10-424-599-199984	Sequence 199984,

16	32	88.9	376	15	US-10-369-493-12565	Sequence 12565, A
17	32	88.9	412	12	US-10-412-699B-1499	Sequence 1499, Ap
18	32	88.9	412	15	US-10-374-780A-1378	Sequence 1378, Ap
19	32	88.9	445	14	US-10-156-761-8567	Sequence 8567, Ap
20	32	88.9	509	12	US-10-425-114-67482	Sequence 67482, A
21	32	88.9	525	15	US-10-369-493-267	Sequence 267, App
22	32	88.9	542	15	US-10-369-493-913	Sequence 913, App
23	32	88.9	560	15	US-10-369-493-13768	Sequence 13768, A
24	32	88.9	561	9	US-09-815-242-12101	Sequence 12101, A
25	32	88.9	561	12	US-10-282-122A-66833	Sequence 66833, A
26	32	88.9	562	14	US-10-032-585-7639	Sequence 7639, Ap
27	32	88.9	567	12	US-10-282-122A-78210	Sequence 78210, A
28	32	88.9	568	12	US-10-282-122A-69506	Sequence 69506, A
29	32	88.9	583	15	US-10-369-493-15366	Sequence 15366, A
30	32	88.9	724	15	US-10-369-493-2523	Sequence 2523, Ap
31	32	88.9	1024	14	US-10-213-990-30	Sequence 30, Appl
32	32	88.9	1241	12	US-10-282-122A-68580	Sequence 68580, A
33	32	88.9	1689	14	US-10-080-943-2	Sequence 2, Appl1
34	31	86.1	6	9	US-09-847-940B-2	Sequence 2, Appl1
35	31	86.1	6	10	US-09-847-946A-2	Sequence 2, Appl1
36	31	86.1	6	10	US-09-847-946A-33	Sequence 33, Appl
37	31	86.1	7	10	US-09-847-946A-37	Sequence 37, Appl
38	31	86.1	8	10	US-09-847-946A-30	Sequence 30, Appl
39	31	86.1	8	10	US-09-847-946A-38	Sequence 38, Appl
40	31	86.1	9	10	US-09-847-946A-29	Sequence 29, Appl
41	31	86.1	9	10	US-09-847-946A-32	Sequence 32, Appl
42	31	86.1	9	10	US-09-847-946A-35	Sequence 35, Appl
43	31	86.1	9	10	US-09-847-946A-36	Sequence 36, Appl
44	31	86.1	10	10	US-09-847-946A-31	Sequence 31, Appl
45	31	86.1	10	10	US-09-847-946A-34	Sequence 34, Appl

ALIGNMENTS

RESULT 1
US-09-847-940B-15
; Sequence 15, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PFI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-15

Query Match 100.0%; Score 36; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.4e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LDWSYL 6
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Db 1 LDWSYL 6

RESULT 2
US-09-847-946A-15
; Sequence 15, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119

; CURRENT APPLICATION NUMBER: US/09/847,946A

; CURRENT FILING DATE: 2001-05-02

; PRIOR APPLICATION NUMBER: 60/201,261

; PRIOR FILING DATE: 2000-05-02

; PRIOR APPLICATION NUMBER: 09/643,260

; PRIOR FILING DATE: 2000-08-22

; NUMBER OF SEQ ID NOS: 160

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 15

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-15

Query Match 100.0%; Score 36; DB 10; Length 6;

Best Local Similarity 100.0%; Pred. No. 9.4e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSYL 6

Db 1 LDWSYL 6

RESULT 3

US-10-424-599-164997

; Sequence 164997; Application US/10424599

; Publication No. US20040031072A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa Thomas J

; APPLICANT: Kovalic David K

; APPLICANT: Zhou Yihua

; APPLICANT: Cao Yongwei

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

; FILE REFERENCE: 38-21(53223)B

; CURRENT APPLICATION NUMBER: US/10/424,599

; CURRENT FILING DATE: 2003-04-28

; NUMBER OF SEQ ID NOS: 285684

; SEQ ID NO 164997

; LENGTH: 46

; TYPE: PRT

; ORGANISM: Glycine max

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_MRT3847_120008C.1.pep

US-10-424-599-164997

Query Match 100.0%; Score 36; DB 12; Length 46;

Best Local Similarity 100.0%; Pred. No. 43;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 35 LDWSYL 40

RESULT 4

US-10-282-122A-42628

; Sequence 42628; Application US/10282122A

; Publication No. US20040029129A1

; GENERAL INFORMATION:

; APPLICANT: Wang, Liangsu

; APPLICANT: Zamudio, Carlos

; APPLICANT: Malone, Cheryl

; APPLICANT: Haselbeck, Robert

; APPLICANT: Ohlsen, Kari

; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.

; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms

; FILE REFERENCE: ELITRA.034A

; CURRENT APPLICATION NUMBER: US/10/282,122A

; CURRENT FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: 60/191,078

; PRIOR FILING DATE: 2000-03-21

; PRIOR APPLICATION NUMBER: 60/206,848

; PRIOR FILING DATE: 2000-05-23

; PRIOR APPLICATION NUMBER: 60/207,727

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: 60/230,335

; PRIOR FILING DATE: 2000-09-06

; PRIOR APPLICATION NUMBER: 60/230,347

; PRIOR FILING DATE: 2000-09-09

; PRIOR APPLICATION NUMBER: 60/242,578

; PRIOR FILING DATE: 2000-10-23

; PRIOR APPLICATION NUMBER: 60/253,625

; PRIOR FILING DATE: 2000-11-27

; PRIOR APPLICATION NUMBER: 60/257,931

; PRIOR FILING DATE: 2000-12-22

; PRIOR APPLICATION NUMBER: 60/267,636

; PRIOR FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/269,308

; PRIOR FILING DATE: 2001-02-16

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 78614

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 42628

; LENGTH: 98

; TYPE: PRT

; ORGANISM: Escherichia coli

US-10-282-122A-42628

Query Match 94.4%; Score 34; DB 12; Length 98;

Best Local Similarity 83.3%; Pred. No. 1.8e+02;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSYL 6

Db 67 LDWSYL 72

RESULT 5

US-10-287-274-432

; Sequence 432; Application US/10287274

; Publication No. US20030181408A1

; GENERAL INFORMATION:

; APPLICANT: Forsyth, R. Allyn

; APPLICANT: Ohlsen, Kari

; APPLICANT: Zyskind, Judith

; TITLE OF INVENTION: GENES ESSENTIAL FOR MICROBIAL PROLIFERATION AND ANTISENSE THERETO

; FILE REFERENCE: ELITRA.008DVI

; CURRENT APPLICATION NUMBER: US/10/287,274

; CURRENT FILING DATE: 2002-10-31

; PRIOR APPLICATION NUMBER: US 60/164415

; PRIOR FILING DATE: 1999-11-09

; PRIOR APPLICATION NUMBER: US 09/711164

; PRIOR FILING DATE: 2000-11-09

; NUMBER OF SEQ ID NOS: 469

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 432

; LENGTH: 98

; TYPE: PRT

; ORGANISM: Escherichia coli

US-10-287-274-432

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Query Match      94.4%; Score 34; DB 14; Length 98;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSYL 6
Db 67 IDWSYL 72

RESULT 6
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; Sequence 68458, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR FILING DATE: 2000-03-21
; PRIOR FILING DATE: 2000-03-21
; PRIOR FILING DATE: 2000-05-23
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; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-06
; PRIOR FILING DATE: 2000-09-06
; PRIOR FILING DATE: 2000-09-09
; PRIOR FILING DATE: 2000-10-23
; PRIOR FILING DATE: 2000-10-23
; PRIOR FILING DATE: 2000-11-27
; PRIOR FILING DATE: 2000-12-22
; PRIOR FILING DATE: 2001-02-16
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68458
; LENGTH: 79
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-10-282-122A-68458

Query Match      91.7%; Score 33; DB 12; Length 79;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSYL 6
Db 69 VDWSYL 74

RESULT 7
US-09-847-940B-14
; Sequence 14, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-14

Query Match      88.9%; Score 32; DB 9; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSYL 6
Db 1 LDWSFL 6

RESULT 8
US-09-847-946A-14
; Sequence 14, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR FILING DATE: 2000-05-02
; PRIOR FILING DATE: 2000-05-02
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-14

Query Match      88.9%; Score 32; DB 10; Length 6;
Best Local Similarity 83.3%; Pred. No. 9.4e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWSYL 6
Db 1 LDWSFL 6

RESULT 9
US-09-974-879-385
; Sequence 385, Application US/09974879
; Publication No. US20030028003A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 125 Human Secreted Proteins
; FILE REFERENCE: P2020F2
; CURRENT APPLICATION NUMBER: US/09/974,879

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; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: US 60/239,893
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/818,683
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 09/305,736
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: PCT/US98/23435
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 60/064,911
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,912
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,983
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,900
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,988
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,987
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,908
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,984
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,985
; PRIOR APPLICATION NUMBER: US 60/066,094
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,100
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,089
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,095
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,090
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 385
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-974-879-385

Query Match      88.9%; Score 32; DB 10; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSY 5
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Db      8 LDWSY 12

RESULT 10
US-09-305-736-385
; Sequence 385, Application US/09305736
; Publication No. US20030088078A1
; GENERAL INFORMATION:
; APPLICANT: Feng et al.
; TITLE OF INVENTION: 125 Human Secreted Proteins
; CURRENT APPLICATION NUMBER: US/09-05-05
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: PCT/US98/23435
; EARLIER FILING DATE: 1998-11-04
; EARLIER APPLICATION NUMBER: 60/064,911
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/064,912
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/064,983
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/064,900

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; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/064,988
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; EARLIER APPLICATION NUMBER: 60/064,987
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/064,908
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/064,984
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/064,985
; EARLIER FILING DATE: 1997-11-07
; EARLIER APPLICATION NUMBER: 60/066,094
; EARLIER FILING DATE: 1997-11-17
; EARLIER APPLICATION NUMBER: 60/066,100
; EARLIER FILING DATE: 1997-11-17
; EARLIER APPLICATION NUMBER: 60/066,089
; EARLIER FILING DATE: 1997-11-17
; EARLIER APPLICATION NUMBER: 60/066,095
; EARLIER FILING DATE: 1997-11-17
; EARLIER APPLICATION NUMBER: 60/066,090
; NUMBER OF SEQ ID NOS: 612
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 385
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-305-736-385

Query Match      88.9%; Score 32; DB 10; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSY 5
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Db      8 LDWSY 12

RESULT 11
US-09-818-683-385
; Sequence 385, Application US/09818683
; Publication No. US20030211472A1
; GENERAL INFORMATION:
; APPLICANT: Feng et al.
; TITLE OF INVENTION: 125 Human Secreted Proteins
; FILE REFERENCE: P2020P1
; CURRENT APPLICATION NUMBER: US/09/818,683
; CURRENT FILING DATE: 2001-03-28
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 612
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 385
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-818-683-385

Query Match      88.9%; Score 32; DB 11; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDWSY 5
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Db      8 LDWSY 12

RESULT 12
US-10-621-401-385
; Sequence 385, Application US/10621401
; Publication No. US20040038277A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 125 Human Secreted Proteins

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; FILE REFERENCE: P2020P2C1
; CURRENT APPLICATION NUMBER: US/10/621.401
; CURRENT FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: US 09/974,879
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: US 60/239,893
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 09/818,683
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 09/305,736
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: PCT/US98/23435
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 60/064,911
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,912
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,983
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,900
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,988
; PRIOR FILING DATE: 1997-11-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 385
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-621-401-385

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Query Match      88.9%; Score 32; DB 12; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 LDWSY 5
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Db      8 LDWSY 12

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RESULT 13
US-10-425-114-67523
; Sequence 67523, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 67523
; LENGTH: 274
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB143-035-B11_FLI.pap
US-10-425-114-67523

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Query Match      88.9%; Score 32; DB 12; Length 274;
Best Local Similarity 100.0%; Pred. No. 9.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 LDWSY 5
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Db     186 LDWSY 190

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RESULT 14

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US-10-425-114-66684
; Sequence 66684, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 66684
; LENGTH: 297
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB4743-041-H8_FLI.pap
US-10-425-114-66684

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Query Match      88.9%; Score 32; DB 12; Length 297;
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      2 DWSYL 6
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; Sequence 199984, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 199984
; LENGTH: 351
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_22611C.1.pap
US-10-424-599-199984

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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
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Qy      1 LDWSY 5
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Db     128 LDWSY 132

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Job time : 22.6711 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-16

Perfect score: 40
Sequence: 1 LDRAWL 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	40	100.0	6	9 US-09-847-940B-16	Sequence 16, Appl
2	40	100.0	6	10 US-09-847-946A-16	Sequence 16, Appl
3	40	100.0	6	10 US-09-847-946A-44	Sequence 44, Appl
4	40	100.0	6	10 US-09-847-946A-106	Sequence 106, App
5	40	100.0	7	10 US-09-847-946A-110	Sequence 110, App
6	40	100.0	8	10 US-09-847-946A-103	Sequence 103, App
7	40	100.0	8	10 US-09-847-946A-111	Sequence 111, App
8	40	100.0	9	10 US-09-847-946A-102	Sequence 102, App
9	40	100.0	9	10 US-09-847-946A-105	Sequence 105, App
10	40	100.0	9	10 US-09-847-946A-108	Sequence 108, App
11	40	100.0	9	10 US-09-847-946A-109	Sequence 109, App
12	40	100.0	10	10 US-09-847-946A-104	Sequence 104, App
13	40	100.0	10	10 US-09-847-946A-107	Sequence 107, App
14	40	100.0	11	10 US-09-847-946A-101	Sequence 101, App
15	37	92.5	6	9 US-09-847-940B-2	Sequence 2, Appli

16	37	92.5	6	10 US-09-847-946A-2	Sequence 2, Appli
17	37	92.5	6	10 US-09-847-946A-33	Sequence 33, Appl
18	37	92.5	7	10 US-09-847-946A-37	Sequence 37, Appl
19	37	92.5	8	10 US-09-847-946A-30	Sequence 30, Appl
20	37	92.5	8	10 US-09-847-946A-38	Sequence 38, Appl
21	37	92.5	8	10 US-09-847-946A-29	Sequence 29, Appl
22	37	92.5	9	10 US-09-847-946A-32	Sequence 32, Appl
23	37	92.5	9	10 US-09-847-946A-35	Sequence 35, Appl
24	37	92.5	9	10 US-09-847-946A-36	Sequence 36, Appl
25	37	92.5	10	10 US-09-847-946A-31	Sequence 31, Appl
26	37	92.5	10	10 US-09-847-946A-34	Sequence 34, Appl
27	37	92.5	11	10 US-09-847-946A-28	Sequence 28, Appl
28	37	92.5	11	10 US-09-847-946A-132	Sequence 132, App
29	37	92.5	11	10 US-09-847-946A-140	Sequence 140, App
30	37	92.5	13	10 US-09-847-946A-143	Sequence 143, App
31	37	92.5	13	10 US-09-847-946A-144	Sequence 144, App
32	37	92.5	13	10 US-09-847-946A-145	Sequence 145, App
33	37	92.5	13	10 US-09-847-946A-148	Sequence 148, App
34	37	92.5	17	10 US-09-847-946A-141	Sequence 141, App
35	37	92.5	17	10 US-09-847-946A-142	Sequence 142, App
36	37	92.5	17	10 US-09-847-946A-146	Sequence 146, App
37	37	92.5	17	10 US-09-847-946A-147	Sequence 147, App
38	37	92.5	18	10 US-09-847-946A-131	Sequence 131, App
39	37	92.5	18	10 US-09-847-946A-135	Sequence 135, App
40	37	92.5	18	10 US-09-847-946A-136	Sequence 136, App
41	37	92.5	22	10 US-09-847-946A-133	Sequence 133, App
42	37	92.5	22	10 US-09-847-946A-134	Sequence 134, App
43	37	92.5	22	10 US-09-847-946A-137	Sequence 137, App
44	37	92.5	22	10 US-09-847-946A-138	Sequence 138, App
45	37	92.5	22	10 US-09-847-946A-139	Sequence 139, App

ALIGNMENTS

RESULT 1
US-09-847-940B-16
; Sequence 16, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-16

Query Match 100.0%; Score 40; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDRAWL 6
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Db 1 LDRAWL 6

RESULT 2
US-09-847-946A-16
; Sequence 16, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

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; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-16
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Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 LDRAWL 6
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Db 1 LDRAWL 6
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RESULT 3
US-09-847-946A-44
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; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-44
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Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 LDRAWL 6
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Db 1 LDRAWL 6
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US-09-847-946A-106
; Sequence 106, Application US/09847946A
; Publication No. US20030054999A1
```

```
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 106
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-106
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Query Match 100.0%; Score 40; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1 LDRAWL 6
| | | | |
Db 1 LDRAWL 6
```

```
RESULT 5
US-09-847-946A-110
; Sequence 110, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 110
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-110
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Query Match 100.0%; Score 40; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1 LDRAWL 6
| | | | |
Db 1 LDRAWL 6
```

```
RESULT 6
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US-09-847-946A-103
; Sequence 103, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Phillips, Mark A
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-103

Query Match      100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDNAWL 6
        |||||
Db      3 LDNAWL 8

RESULT 7
US-09-847-946A-111
; Sequence 111, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Phillips, Mark A
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 111
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-111

Query Match      100.0%; Score 40; DB 10; Length 8;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDNAWL 6
        |||||
Db      1 LDNAWL 6

US-09-847-946A-102
; Sequence 102, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Phillips, Mark A
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 102
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-102

Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDNAWL 6
        |||||
Db      1 LDNAWL 6

RESULT 9
US-09-847-946A-105
; Sequence 105, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Phillips, Mark A
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 105
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-105

Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
RESULT 8
US-09-847-946A-102
; Sequence 102, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Phillips, Mark A
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 102
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-102

Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 LDNAWL 6
        |||||
Db      1 LDNAWL 6

RESULT 9
US-09-847-946A-105
; Sequence 105, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Phillips, Mark A
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 105
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-105

Query Match      100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1 LDRAWL 6
Db 1 LDRAWL 6

RESULT 10
US-09-847-946A-108
; Sequence 108, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 108
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-108

Query Match. 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDRAWL 6
Db 3 LDRAWL 8

RESULT 11
US-09-847-946A-109
; Sequence 109, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 109
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-109

Query Match. 100.0%; Score 40; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDRAWL 6
Db 1 LDRAWL 6

RESULT 12
US-09-847-946A-104
; Sequence 104, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 104
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-104

Query Match. 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDRAWL 6
Db 2 LDRAWL 7

RESULT 13
US-09-847-946A-107
; Sequence 107, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 107
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-107

Query Match. 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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US-09-847-946A-107

Query Match 100.0%; Score 40; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDRAWL 6
| | | | |
Db 3 LDRAWL 8

RESULT 14

US-09-847-946A-101
; Sequence 101, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Firdels, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 101
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-101

Query Match 100.0%; Score 40; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 22;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDRAWL 6
| | | | |
Db 3 LDRAWL 8

RESULT 15

US-09-847-940B-2
; Sequence 2, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-2

Query Match 92.5%; Score 37; DB 9; Length 6;

Best Local Similarity 83.3%; Pred. No. 9.5e+05;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDRAWL 6
| | | | |
Db 1 LDRAWL 6

Search completed: March 17, 2004, 18:45:31
Job time : 21.6711 secs

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OM protein - protein search, using sw model

Run on: March 17, 2004, 18:31:46 ; Search time 21.6711 Seconds
(without alignments)
71.275 Million cell updates/sec

Title: US-09-643-260-17

Perfect score: 41

Sequence: 1 LDWEWL 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1045404 seqs, 257433775 residues

Total number of hits satisfying chosen parameters: 1045404

Minimum DB seq length: 0.

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:

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- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pcp.*
- 3: /cgn2_6/ptodata/1/pubpaa/US05_NEW_PUB.pcp.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pcp.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pcp.*
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- 11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pcp.*
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- 15: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pcp.*
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- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pcp.*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	41	100.0	6	9	US-09-847-940B-17
2	41	100.0	6	10	US-09-847-946A-17
3	41	100.0	6	10	US-09-847-946A-45
4	41	100.0	6	10	US-09-847-946A-117
5	41	100.0	6	10	US-09-847-946A-121
6	41	100.0	8	10	US-09-847-946A-114
7	41	100.0	8	10	US-09-847-946A-122
8	41	100.0	9	10	US-09-847-946A-113
9	41	100.0	9	10	US-09-847-946A-116
10	41	100.0	9	10	US-09-847-946A-119
11	41	100.0	9	10	US-09-847-946A-120
12	41	100.0	10	10	US-09-847-946A-115
13	41	100.0	10	10	US-09-847-946A-118
14	41	100.0	11	10	US-09-847-946A-112
15	39	95.1	85	12	US-10-424-599-153703

16	39	95.1	471	15	US-10-369-493-12414	Sequence 12414, A
17	38	92.7	1102	12	US-10-282-122A-67640	Sequence 67640, A
18	37	90.2	20	10	US-09-962-756-939	Sequence 939, App
19	37	90.2	20	15	US-10-253-471-939	Sequence 939, App
20	37	90.2	20	16	US-10-253-493-939	Sequence 939, App
21	37	90.2	70	9	US-09-864-761-46514	Sequence 46514, A
22	37	90.2	117	12	US-10-424-599-178905	Sequence 178905, A
23	37	90.2	164	12	US-10-282-122A-59194	Sequence 59194, A
24	37	90.2	219	15	US-10-369-493-19572	Sequence 19572, A
25	37	90.2	259	15	US-10-369-493-22800	Sequence 22800, A
26	37	90.2	261	12	US-10-282-122A-47592	Sequence 47592, A
27	37	90.2	279	12	US-10-282-122A-49240	Sequence 49240, A
28	37	90.2	280	15	US-10-369-493-3354	Sequence 3354, App
29	37	90.2	287	12	US-10-282-122A-50741	Sequence 50741, A
30	37	90.2	296	12	US-10-282-122A-50589	Sequence 50589, A
31	37	90.2	304	12	US-10-282-122A-51333	Sequence 51333, A
32	37	90.2	313	12	US-10-282-122A-67589	Sequence 67589, A
33	37	90.2	318	12	US-10-282-122A-78151	Sequence 78151, A
34	37	90.2	331	12	US-10-282-122A-66270	Sequence 66270, A
35	37	90.2	331	12	US-10-389-647-412	Sequence 412, App
36	37	90.2	354	14	US-10-166-087-6	Sequence 6, Appli
37	37	90.2	462	15	US-10-369-493-8244	Sequence 8244, App
38	37	90.2	1137	12	US-10-282-122A-59975	Sequence 59975, A
39	36	87.8	6	9	US-09-847-940B-2	Sequence 2, Appli
40	36	87.8	6	10	US-09-847-946A-2	Sequence 2, Appli
41	36	87.8	6	10	US-09-847-946A-33	Sequence 33, Appli
42	36	87.8	7	10	US-09-847-946A-37	Sequence 37, Appli
43	36	87.8	8	10	US-09-847-946A-30	Sequence 30, Appli
44	36	87.8	8	10	US-09-847-946A-38	Sequence 38, Appli
45	36	87.8	9	10	US-09-847-946A-29	Sequence 29, Appli

ALIGNMENTS

RESULT 1
US-09-847-940B-17
; Sequence 17, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD mutants
US-09-847-940B-17

Query Match 100.0%; Score 41; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
Db 1 LDWEWL 6

RESULT 2
US-09-847-946A-17
; Sequence 17, Application US/09847946A
; Publication No. US2003005499A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-17

Query Match 100.0%; Score 41; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
Db 1 LDWEWL 6

RESULT 3

US-09-847-946A-45
; Sequence 45, Application US/09847946A
; Publication No. US20030054999A1

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 45
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-45

Query Match 100.0%; Score 41; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
Db 1 LDWEWL 6

RESULT 4

US-09-847-946A-117
; Sequence 117, Application US/09847946A
; Publication No. US20030054999A1

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 117
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-117

Query Match 100.0%; Score 41; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
Db 1 LDWEWL 6

RESULT 5

US-09-847-946A-121
; Sequence 121, Application US/09847946A
; Publication No. US20030054999A1

; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 121
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding

US-09-847-946A-121

Query Match 100.0%; Score 41; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
Db 1 LDWEWL 6

RESULT 6

US-09-847-946A-114
 ; Sequence 114, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 114
 ; LENGTH: 8
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-114

Query Match 100.0%; Score 41; DB 10; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
 Db 3 LDWEWL 8

RESULT 7
 US-09-847-946A-122
 ; Sequence 122, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 122
 ; LENGTH: 8
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-122

Query Match 100.0%; Score 41; DB 10; Length 8;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
 Db 1 LDWEWL 6

RESULT 8
 US-09-847-946A-113
 ; Sequence 113, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 113
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-113

Query Match 100.0%; Score 41; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
 Db 1 LDWEWL 6

RESULT 9
 US-09-847-946A-116
 ; Sequence 116, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findeis, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PPI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 116
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-116

Query Match 100.0%; Score 41; DB 10; Length 9;
 Best Local Similarity 100.0%; Pred. No. 9.5e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
|||||
Db 1 LDWEWL 6

RESULT 10

US-09-847-946A-119
; Sequence 119, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 119
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-119

Query Match 100.0%; Score 41; DB 10; Length 9;
Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
|||||
Db 3 LDWEWL 8

RESULT 11

US-09-847-946A-120
; Sequence 120, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 120
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-120

Query Match 100.0%; Score 41; DB 10; Length 9;

Best Local Similarity 100.0%; Pred. No. 9.5e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
|||||
Db 2 LDWEWL 7

RESULT 12

US-09-847-946A-115
; Sequence 115, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 115
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-115

Query Match 100.0%; Score 41; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
|||||
Db 2 LDWEWL 7

RESULT 13

US-09-847-946A-118
; Sequence 118, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 118
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
; OTHER INFORMATION: sequence
US-09-847-946A-118

US-09-847-946A-118

Query Match 100.0%; Score 41; DB 10; Length 10;
 Best Local Similarity 100.0%; Pred. No. 17;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 LDWEWL 6
 Db 3 LDWEWL 8

RESULT 14

US-09-847-946A-112
 ; Sequence 112, Application US/09847946A
 ; Publication No. US20030054999A1
 ; GENERAL INFORMATION:
 ; APPLICANT: May, Michael J
 ; APPLICANT: Ghosh, Sankar
 ; APPLICANT: Findels, Mark A
 ; APPLICANT: Phillips, Kathryn
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
 ; FILE REFERENCE: PFI-119
 ; CURRENT APPLICATION NUMBER: US/09/847,946A
 ; CURRENT FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 60/201,261
 ; PRIOR FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: 09/643,260
 ; PRIOR FILING DATE: 2000-08-22
 ; NUMBER OF SEQ ID NOS: 160
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 112
 ; LENGTH: 11
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:NEMO binding
 ; OTHER INFORMATION: sequence
 US-09-847-946A-112

Query Match 100.0%; Score 41; DB 10; Length 11;
 Best Local Similarity 100.0%; Pred. No. 19;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LDWEWL 6
 Db 3 LDWEWL 8

RESULT 15

US-10-424-599-153703
 ; Sequence 153703, Application US/10424599
 ; Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovalic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 ; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 285684
 ; SEQ ID NO 153703
 ; LENGTH: 85
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_109817C.1.pap
 US-10-424-599-153703

Query Match 95.1%; Score 39; DB 12; Length 85;

Best Local Similarity 83.3%; Pred. No. 1.7e+02;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 LDWEWL 6
 Db 80 LDWEWL 85

Search completed: March 17, 2004, 18:45:32
 Job time : 22.6711 secs.

Result No.	Score	Query		Length	DB	ID	Description
		Match					
1	162	100.0	28	9	US-09-847-940B-18		Sequence 18, Appl
2	162	100.0	28	10	US-09-847-946A-18		Sequence 18, Appl
3	134	82.7	28	9	US-09-847-940B-19		Sequence 19, Appl
4	134	82.7	28	10	US-09-847-946A-19		Sequence 19, Appl
5	105	64.8	18	10	US-09-847-946A-131		Sequence 131, Appl
6	101	62.3	36	9	US-09-731-023A-12		Sequence 12, Appl
7	101	62.3	36	14	US-10-358-365-12		Sequence 12, Appl
8	98	60.5	37	14	US-10-229-915-1		Sequence 1, Appl
9	97	59.9	34	14	US-10-229-915-1		Sequence 1, Appl
10	96	59.3	26	14	US-10-161-959-79		Sequence 79, Appl
11	95	58.6	21	8	US-10-097-175-101		Sequence 101, Appl
12	95	58.6	21	9	US-09-150-623-11		Sequence 11, Appl
13	94	58.0	27	12	US-10-432-291-4		Sequence 4, Appl
14	94	58.0	30	14	US-10-188-947-11		Sequence 11, Appl
15	94	58.0	64	14	US-10-118-079-44		Sequence 44, Appl

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-18
Query Match 100.0%; Score 162; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 4e-13;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DRQIKWQNRRMKWKKKTALDWSWLOTE 28
Db 1 DRQIKWQNRRMKWKKKTALDWSWLOTE 28

RESULT 3
US-09-847-940B-19
; Sequence 19, Application US/09847940B
; Patent No. US2002015600A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptides

US-09-847-940B-19
Query Match 82.7%; Score 134; DB 9; Length 28;
Best Local Similarity 92.9%; Pred. No. 1.1e-09;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 DRQIKWQNRRMKWKKKTALDWSWLOTE 28
Db 1 DRQIKWQNRRMKWKKKTALDASALQTE 28

RESULT 4
US-09-847-946A-19
; Sequence 19, Application US/09847946A
; Publication No. US2003005499A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide

US-09-847-946A-19

Query Match 82.7%; Score 134; DB 10; Length 28;
Best Local Similarity 92.9%; Pred. No. 1.1e-09;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 DRQIKWQNRRMKWKKKTALDWSWLOTE 28
Db 1 DRQIKWQNRRMKWKKKTALDASALQTE 28

RESULT 5
US-09-847-946A-131
; Sequence 131, Application US/09847946A
; Publication No. US2003005499A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 131
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:anti-inflammatory compound

US-09-847-946A-131

Query Match 64.8%; Score 105; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.6e-06;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 11 RRMKWKKTALDWSWLOTE 28
Db 1 RRMKWKKTALDWSWLOTE 18

RESULT 6
US-09-731-023A-12
; Sequence 12, Application US/09731023A
; Patent No. US2002007283A1
; GENERAL INFORMATION:
; APPLICANT: Sessa, William
; TITLE OF INVENTION: Caveolin Peptides and Their Use as Therapeutics
; FILE REFERENCE: 44574-5076-US

FEATURE:
US-10-097-175-101
Query Match 59.3%; Score 96; DB 14; Length 26;
Best Local Similarity 77.3%; Pred. No. 4.6e-05;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
Qy 2 ROIKWFOFNRMRKWKKTALDWS 23
Db 1 ROIKWFOFNRMRKWKKTALDWS 22
RESULT 11
US-08-610-220A-11
Sequence 11, Application US/08610220A
Publication No. US20030099638A1
GENERAL INFORMATION:
APPLICANT: Troy, Carol M.
TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL
DEATH AND USES THEREOF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/610,220A
FILING DATE: MAR-04-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 48332/JPW/JML
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-610-220A-11
Query Match 58.6%; Score 95; DB 8; Length 21;
Best Local Similarity 94.4%; Pred. No. 5e-05;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2 ROIKWFOFNRMRKWKKTALDWS 19
Db 1 ROIKWFOFNRMRKWKKTALDWS 18
RESULT 12
US-09-150-623-11
Sequence 11, Application US/09150623
Patent No. US20020044931A1
GENERAL INFORMATION:
APPLICANT: Troy, Carol M.
TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL
DEATH AND USES THEREOF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/150,623
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/610,220
FILING DATE: MAR-04-1996
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 48332/JPW/JML
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-150-623-11
Query Match 58.6%; Score 95; DB 9; Length 21;
Best Local Similarity 94.4%; Pred. No. 5e-05;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2 ROIKWFOFNRMRKWKKTALDWS 19
Db 1 ROIKWFOFNRMRKWKKTALDWS 18
RESULT 13
US-10-432-291-4
Sequence 4, Application US/10432291
Publication No. US20040029281A1
GENERAL INFORMATION:
APPLICANT: Centre National de la Recherche Scientifique (CNRS)
APPLICANT: Joliot, Alain
APPLICANT: Dupont, Edmond
APPLICANT: Brochiantz, Alain
TITLE OF INVENTION: Carrier vectors through an epithelium with tight junctions
FILE REFERENCE: 45636-5067-US
CURRENT APPLICATION NUMBER: US/10/432,291
CURRENT FILING DATE: 2003-05-20
PRIOR APPLICATION NUMBER: PCT/FR01/03631
PRIOR FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: FR 00/14945
PRIOR FILING DATE: 2000-11-20
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 27
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: nuclear export and penetratin sequence for transport vectors
US-10-432-291-4
Query Match 58.0%; Score 94; DB 12; Length 27;
Best Local Similarity 94.1%; Pred. No. 8.3e-05;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DRQIKWFQRRMKWK 17
 Db 46 ERQIKWFQRRMKWK 62

Search completed: March 17, 2004, 18:45:32
 Job time : 101.132 secs

RESULT 14
 US-10-188-947-11
 ; Sequence 11, Application US/10188947
 ; Publication No. US20030023993A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MEDHITOV, Ruslan
 ; APPLICANT: BARTON, Tiffany
 ; TITLE OF INVENTION: TOLL/INTERLEUKIN-1 RECEPTOR ADAPTER PROTEIN (TIRAP)
 ; FILE REFERENCE: 044574-5101US
 ; CURRENT APPLICATION NUMBER: US/10/188,947
 ; CURRENT FILING DATE: 2002-07-03
 ; PRIOR APPLICATION NUMBER: 60/289,738
 ; PRIOR FILING DATE: 2001-05-09
 ; PRIOR APPLICATION NUMBER: 60/289,815
 ; PRIOR FILING DATE: 2001-05-09
 ; PRIOR APPLICATION NUMBER: 60/289,866
 ; PRIOR FILING DATE: 2001-05-14
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 11
 ; LENGTH: 30
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: MISC FEATURE
 ; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
 ; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
 US-10-188-947-11

Query Match 58.0%; Score 94; DB 14; Length 30;
 Best Local Similarity 89.5%; Pred. No. 9.1e-05;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 RQIKWFQRRMKWK 20
 Db 1 RQIKWFQRRMKWK 19

RESULT 15
 US-10-118-079-44
 ; Sequence 44, Application US/10118079
 ; Publication No. US20030103957A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MCKERRACHER, LISA
 ; TITLE OF INVENTION: FUSION PROTEINS
 ; FILE REFERENCE: 06746-004-US-03
 ; CURRENT APPLICATION NUMBER: US/10/118,079
 ; CURRENT FILING DATE: 2002-04-09
 ; PRIOR APPLICATION NUMBER: CA 2,367,636
 ; PRIOR FILING DATE: 2002-01-15
 ; PRIOR APPLICATION NUMBER: CA 2,362,004
 ; PRIOR FILING DATE: 2001-11-13
 ; PRIOR APPLICATION NUMBER: CA 2,342,970
 ; PRIOR FILING DATE: 2001-04-12
 ; NUMBER OF SEQ ID NOS: 48
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 44
 ; LENGTH: 64
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Amino acid sequence of Antennapedia from C3APL
 US-10-118-079-44

Query Match 58.0%; Score 94; DB 14; Length 64;
 Best Local Similarity 94.1%; Pred. No. 0.00018;

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	148	100.0	28	9	US-09-847-940B-19	Sequence 19, Appl
2	148	100.0	28	10	US-09-847-946A-19	Sequence 19, Appl
3	134	90.5	28	9	US-09-847-940B-18	Sequence 18, Appl
4	134	90.5	28	10	US-09-847-946A-18	Sequence 18, Appl
5	101	68.2	26	14	US-10-097-175-101	Sequence 101, Appl
6	100	67.6	36	9	US-09-731-023A-16	Sequence 12, Appl
7	100	67.6	36	14	US-10-358-365-12	Sequence 12, Appl
8	98	66.2	17	14	US-10-229-315-1	Sequence 11, Appl
9	95	64.2	21	8	US-08-610-220A-11	Sequence 11, Appl
10	95	64.2	21	9	US-09-150-623-11	Sequence 11, Appl
11	95	64.2	30	14	US-10-188-947-11	Sequence 11, Appl
12	94.5	63.9	269	15	US-10-116-275-190	Sequence 190, Appl
13	94	63.5	27	12	US-10-432-291-4	Sequence 4, Appl
14	94	63.5	34	14	US-10-161-499-79	Sequence 79, Appl
15	94	63.5	36	9	US-09-731-023A-11	Sequence 11, Appl

; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-19
Query Match 100.0%; Score 148; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.8e-14;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DRQIKWFOQRNRMKWKTALDASALQTE 28
Db 1 DRQIKWFOQRNRMKWKTALDASALQTE 28

RESULT 3
US-09-847-940B-18
; Sequence 18, Application US/09847940B
; Patent No. US20020156000A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J.
; APPLICANT: Ghosh, Sankar
; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-117CP
; CURRENT APPLICATION NUMBER: US/09/847,940B
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptides
US-09-847-940B-18
Query Match 90.5%; Score 134; DB 9; Length 28;
Best Local Similarity 92.9%; Pred. No. 8e-12;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 DRQIKWFOQRNRMKWKTALDASALQTE 28
Db 1 DRQIKWFOQRNRMKWKTALDWSLQTE 28

RESULT 4
US-09-847-946A-18
; Sequence 18, Application US/09847946A
; Publication No. US20030054999A1
; GENERAL INFORMATION:
; APPLICANT: May, Michael J
; APPLICANT: Ghosh, Sankar
; APPLICANT: Findeis, Mark A
; APPLICANT: Phillips, Kathryn
; APPLICANT: Hannig, Gerhard

; TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF
; FILE REFERENCE: PPI-119
; CURRENT APPLICATION NUMBER: US/09/847,946A
; CURRENT FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/201,261
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 09/643,260
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:NBD peptide
US-09-847-946A-18
Query Match 90.5%; Score 134; DB 10; Length 28;
Best Local Similarity 92.9%; Pred. No. 8e-12;
Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 DRQIKWFOQRNRMKWKTALDASALQTE 28
Db 1 DRQIKWFOQRNRMKWKTALDWSLQTE 28

RESULT 5
US-10-097-175-101
; Sequence 101, Application US/10097175
; Publication No. US20030045680A1
; GENERAL INFORMATION:
; APPLICANT: JOYAL, JOHN L.
; APPLICANT: MUELLER, JOHN
; APPLICANT: OZA, VIBHA B.
; APPLICANT: FINDEIS, MARK A.
; TITLE OF INVENTION: PEPTIDIC MODULATORS OF THE ANDROGEN RECEPTOR
; FILE REFERENCE: PPI-110
; CURRENT APPLICATION NUMBER: US/10/097,175
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/275,240
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/352,399
; PRIOR FILING DATE: 2002-01-28
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 101
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Androgen Receptor Binding Polypeptides
US-10-097-175-101

Query Match 68.2%; Score 101; DB 14; Length 26;
Best Local Similarity 73.9%; Pred. No. 3.2e-07;
Matches 17; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
Qy 2 RQIKWFOQRNRMKWKTALDASA 24
Db 1 RQIKWFOQRNRMKWKTALTISS 23

RESULT 6
US-09-731-023A-12
; Sequence 12, Application US/09731023A
; Patent No. US2002007283A1
; GENERAL INFORMATION:
; APPLICANT: Sessa, William
; TITLE OF INVENTION: Cavesolin Peptides and Their Use as Therapeutics
; FILE REFERENCE: 44574-5076-US
; CURRENT APPLICATION NUMBER: US/09/731,023A
; CURRENT FILING DATE: 2000-12-07

; PRIOR APPLICATION NUMBER: US 60/231,327
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 12
 ; LENGTH: 36
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: Antennapedia-cav-X fusion peptide
 US-09-731-023A-12

Query Match 67.6%; Score 100; DB 9; Length 36;
 Best Local Similarity 69.2%; Pred. No. 6e-07;
 Matches 18; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 2 RQIKWQNRRMKWKTALDASALQT 27
 DB 1 RQIKWQNRRMKWKTALDASALQT 26

RESULT 7
 US-10-358-365-12
 ; Sequence 12, Application US/10358365
 ; Publication No. US20030165510A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Sesea, William
 ; TITLE OF INVENTION: Cavesolin Peptides and Their Use as Therapeutics
 ; FILE REFERENCE: 44574-5076-US
 ; CURRENT APPLICATION NUMBER: US/10/358,365
 ; CURRENT FILING DATE: 2003-02-04
 ; PRIOR APPLICATION NUMBER: US 09/731,023
 ; PRIOR FILING DATE: 2000-12-07
 ; PRIOR APPLICATION NUMBER: US 60/231,327
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 12
 ; LENGTH: 36
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: Antennapedia-cav-X fusion peptide
 US-10-358-365-12

Query Match 67.6%; Score 100; DB 14; Length 36;
 Best Local Similarity 69.2%; Pred. No. 6e-07;
 Matches 18; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 2 RQIKWQNRRMKWKTALDASALQT 27
 DB 1 RQIKWQNRRMKWKTALDASALQT 26

RESULT 8
 US-10-229-915-1
 ; Sequence 1, Application US/10229915
 ; Publication No. US20030083262A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lazarus, Douglas
 ; APPLICANT: Hannig, Gerhard
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING INFLAMMATORY
 ; DISORDERS
 ; FILE REFERENCE: PPI-127
 ; CURRENT APPLICATION NUMBER: US/10/229,915
 ; CURRENT FILING DATE: 2002-08-27
 ; PRIOR APPLICATION NUMBER: US 60/316,328
 ; PRIOR FILING DATE: 2001-08-30
 ; NUMBER OF SEQ ID NOS: 39
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 1

; LENGTH: 17
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: anti-inflammatory compound
 US-10-229-915-1

Query Match 66.2%; Score 98; DB 14; Length 17;
 Best Local Similarity 100.0%; Pred. No. 5.5e-07;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQIKWQNRRMKWKK 17
 DB 1 RQIKWQNRRMKWKK 17

RESULT 9
 US-08-610-220A-11
 ; Sequence 11, Application US/08610220A
 ; Publication No. US20030099638A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Troy, Carol M.
 ; TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL
 ; TITLE OF INVENTION: DEATH AND USES THEREOF
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Cooper & Dunham LLP
 ; STREET: 1185 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/610,220A
 ; FILING DATE: MAR-04-1996
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: White, John P.
 ; REGISTRATION NUMBER: 28,678
 ; REFERENCE/DOCKET NUMBER: 48332/JPW/JML
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 212-278-0400
 ; TELEFAX: 212-391-0525
 ; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 21 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 US-08-610-220A-11

Query Match 64.2%; Score 95; DB 8; Length 21;
 Best Local Similarity 94.4%; Pred. No. 1.8e-06;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 RQIKWQNRRMKWKKTA 19
 DB 1 RQIKWQNRRMKWKKQA 18

RESULT 10
 US-09-150-623-11
 ; Sequence 11, Application US/09150623
 ; Patent No. US20020044931A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Troy, Carol M.
 ; TITLE OF INVENTION: COMPOUNDS WHICH PREVENT NEURONAL CELL

TITLE OF INVENTION: DEATH AND USES THEREOF
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/150.623
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/610,220
FILING DATE: MAR-04-1996
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 48332/JPW/JML
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-150-623-11

Query Match 64.2%; Score 95; DB 9; Length 21;
Best Local Similarity 94.4%; Pred No. 1.8e-06;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 RQIKWQNRRMKWKKTA 19
| | | | | | | | | | | | | | | | | | | | | |
Db 1 RQIKWQNRRMKWKKQA 18

RESULT 11
US-10-188-947-11
; Sequence 11, Application US/10188947
; Publication No. US2003002393A1
; GENERAL INFORMATION:
; APPLICANT: MEDHITOV, Ruslan
; APPLICANT: HORNG, Tiffany
; APPLICANT: BARTON, Gregory
; TITLE OF INVENTION: TOLL/INTERLEUKIN-1 RECEPTOR ADAPTER PROTEIN (TIRAP)
; FILE REFERENCE: 044574-5101US
; CURRENT APPLICATION NUMBER: US/10/188,947
; CURRENT FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/289,738
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,815
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: 60/289,866
; PRIOR FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
; NAME/KEY: MISC_FEATURE

; OTHER INFORMATION: TIRAP/Antennapedia fusion protein
US-10-188-947-11

Query Match 64.2%; Score 95; DB 14; Length 30;
Best Local Similarity 78.3%; Pred. No. 2.5e-06;
Matches 18; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 2 RQIKWQNRRMKWKKTALDASA 24
| | | | | | | | | | | | | | | | | | | | | |
Db 1 RQIKWQNRRMKWKKLQLRDAA 23

RESULT 12
US-10-116-275-190
; Sequence 190, Application US/10116275
; Publication No. US20030211476A1
; GENERAL INFORMATION:
; APPLICANT: Elan Pharmaceutical Technology
; APPLICANT: O'Mahony, Daniel J.
; APPLICANT: Brayden, David
; APPLICANT: Byrne, Daragh
; APPLICANT: Lambkin, Imelda
; APPLICANT: Higgins, Lisa
; TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
; FILE REFERENCE: E1067/20087
; CURRENT APPLICATION NUMBER: US/10/116,275
; CURRENT FILING DATE: 2002-10-04
; NUMBER OF SEQ ID NOS: 349
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 190
; LENGTH: 269
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-116-275-190

Query Match 63.9%; Score 94.5; DB 15; Length 269;
Best Local Similarity 67.9%; Pred. No. 2.6e-05;
Matches 19; Conservative 3; Mismatches 5; Indels 1; Gaps 1;

Qy 1 DRQIKWQNRRMKWKK-TALDASALOT 27
| | | | | | | | | | | | | | | | | | | | | |
Db 235 ERQIKWQNRRMKWKKDKLKSMSLAT 262

RESULT 13
US-10-432-291-4
; Sequence 4, Application US/10432291
; Publication No. US20040029281A1
; GENERAL INFORMATION:
; APPLICANT: Centre National de la Recherche Scientifique (CNRS)
; APPLICANT: Joliot, Alain
; APPLICANT: Dupont, Edmond
; APPLICANT: Prochiantz, Alain
; TITLE OF INVENTION: Carrier vectors through an epithelium with tight junctions
; FILE REFERENCE: 45636-5067-US
; CURRENT APPLICATION NUMBER: US/10/432,291
; CURRENT FILING DATE: 2003-05-20
; PRIOR APPLICATION NUMBER: PCT/FR01/03631
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: FR 00/14945
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: nuclear export and penetratin sequence for transport vectors
US-10-432-291-4

Query Match 63.5%; Score 94; DB 12; Length 27;

Search completed: March 17, 2004, 18:45:33
Job time : 102.132 secs

Best Local Similarity 94.1%; Pred. No. 3.1e-06;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DRQIKWFQNRMRKWK 17
DB 11 ERQIKWFQNRMRKWK 27

RESULT 14
US-10-161-499-79
; Sequence 79, Application US/10161499
; Publication No. US20030044427A1
; GENERAL INFORMATION:
; APPLICANT: Howley, Peter M.
; APPLICANT: Benson, John
; APPLICANT: Kabukawa, Hiroaki
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; FILE REFERENCE: HMV-041.01
; CURRENT APPLICATION NUMBER: US/10/161,499
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US/09/347,504
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 79
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-161-499-79

Query Match 63.5%; Score 94; DB 14; Length 34;
Best Local Similarity 94.1%; Pred. No. 4e-06;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DRQIKWFQNRMRKWK 17
DB 1 ERQIKWFQNRMRKWK 17

RESULT 15
US-09-731-023A-11
; Sequence 11, Application US/09731023A
; Patent No. US2002007283A1
; GENERAL INFORMATION:
; APPLICANT: Sessa, William
; TITLE OF INVENTION: Caveolin Peptides and Their Use as Therapeutics
; FILE REFERENCE: 44574-5076-US
; CURRENT APPLICATION NUMBER: US/09/731,023A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/231,327
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Antennapedia-caveolin-1 scaffolding domain fusion
; OTHER INFORMATION: peptide
US-09-731-023A-11

Query Match 63.5%; Score 94; DB 9; Length 36;
Best Local Similarity 65.4%; Pred. No. 4.2e-06;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 2 RQIKWFQNRMRKWKTDASALQT 27
DB 1 RQIKWFQNRMRKWKDGIKASFTT 26

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